SPEED
ELEKTRONIK

ICT Connectivity

Catalog
2020

ICT Connectivity catalog

Why an ICT catalog?

We are strong in connectivity. We provide total solutions and realize your specific wishes in collaboration with our manufacturers. We present different solutions focused on the business IT market in this catalog.

How to use our ICT Catalog?
Product range in the ICT catalog:

1. Cables and connectors
ACT is a leading manufacturer in copper, fiber and network cabling. The cables are from consistent highly guaranteed quality and come with 5 years of warranty. In this catalog you will also find a selection of D-Sub, audio and power connectors.

2. Monitoring, command & control of video, audio and other signals
Some examples of solutions in this catalog are: the traditional KVM solutions to operate with multiple computers, splitting/switching of video signals, distribution of video signal, extension of audio/video signals and audio/video conversion.

3. ICT connectivity accessories
We offer user-friendly ICT accessories for use with a pc, laptop or tablet. Our assortment includes USB connectivity, tablet and laptop accessories, power, office cases, AV and IT mounts.

4. Network
In this catalog you will find a complete range of network connectivity solutions such as network cabinets, accessories, cabling and connection materials for fiber and copper networks.

What's new?
We added matrices to the ICT catalog so you can easily compare and find our products. You can see what the differences are and which product suits you best.

You can find our catalogs and other publications on our website under "publications". Would you prefer to receive a print version? Then send an email to our sales department.

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Consistent, guaranteed high quality and 5 year warranty

6 reasons to choose ACT

ACT is a leading manufacturer of connectivity solutions. ACT offers a guaranteed constant quality, complies with international standards and European legislation.

The ACT range consists of:
- Copper network
- Fiberglass network
- Video cables, extenders, converters, adapters
- Power cables
- USB cables and connectivity
- Cable management

Can't find the right cable or cable length? In need of a custom made cable? Please contact us and we will help you find the right solution.

6 reasons to choose ACT:

- Wide and deep range
- Compatible with other brands, mix and match
- Guaranteed consistent quality
- Complies with international standards
- More than 1 million cables in stock
- 5-year warranty

COPPER FIBER VIDEO AUDIO POWER USB CABLE ON REEL

Engineering specific solutions

Innovative solutions for your technical challenges

Our engineers are specialized to support you with innovative solutions for your technical challenges. Are you looking for a specific connectivity solution? Our engineers will support you during the entire project.

Engineering a specific solution in 6 steps:

1 REQUEST
We have received your request. We advise and guide you with your application.

2 PLANNING
Your wishes are noted and all details are accurately matched.

3 ENGINEERING
We make a drawing of the defined cable including all specifications.

intronics
STRONG IN CONNECTIVITY

4 SOURCING
We select the right assembler that meets the required expertise.

5 SAMPLES
In consultation, it is possible to make a sample or to enter a sample process.

6 PRODUCTION
The production process is started and we monitor the quality and the production process.

How do I choose the right fiber optic patch cable?

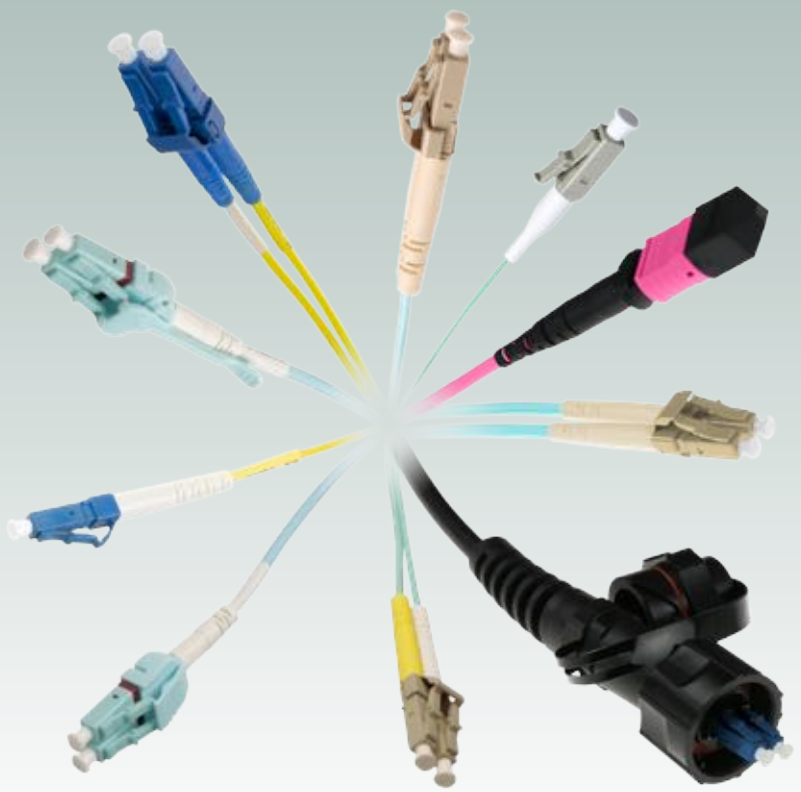
How do I choose the right fiber optic patch cable?

The right fiber optic patch cable is essential for a stable network. But how do you choose the right patch cable? What should you pay attention to? Which fiber optic patch cable is suitable for your application? We tell you what you need to know to find the right cable.

Find the right cable in 5 steps

1. When do I use fiber optic patch cables?
Fiber optic patch cables are used to connect active equipment to each other. Fiber optic patch cables are usually used to patch into 19" cabinets. In some cases you will find fiber patch cables also in cable ducts to bridge greater distances.

Fiber patch cables are also used as a connection to fixed cabling. Fixed cabling (also known as installation cabling) can be cabling inside a building or outside cabling in e.g. a Fiber to the Home network.



2. Which fiber optic patch cable should I choose?
Below you will find an overview of the different types of fiber optic patch cables:

MTP / MPO patch cables

Duplex patch cables

Simplex patch cables

Uniboot patch cables

Uniboot HD patch cables

Short boot patch cables

Ruggedized patch cables

Armored patch cables

IP67 patch cables

Mode conditioning cables

FIBER

3. Which quality attributes do I need to pay attention to?

Based on the appearance of a cable you can't determine the quality. But how do you determine the quality of a fiber patch cable? There are a number of points that you should at least take into account in order to determine the quality.

Grades

Different degrees of quality have been established by the International Electrotechnical Commission (IEC). Grade A to Grade C. The best fibers and connectors are used to achieve Grade A. Grade A can be guaranteed in combination with good quality control and 100% final inspection during production. For professional applications where reliability is paramount, we recommend Grade A.

Test report

In addition, we advise you to opt for fiber optic cables that are equipped with an individual test report. This means that each fiber in the cable has been tested for how much light is attenuated.

This attenuation has a direct influence on the speed and reliability of your network. By opting for fiber optic patch cables with an individual test report, you are assured of a cable that has been tested and you know the attenuation values in your network.

Quality control in the production process

However fiber type and an individual test report do not tell the whole story. The production process and its quality control are of great importance. An incorrectly polished connector can reduce the optical performance of your connector within a short period of time after installation. This is not visible in the test report because it is measured immediately after production. It can also occur with Grade A parts in case of errors in the production process.

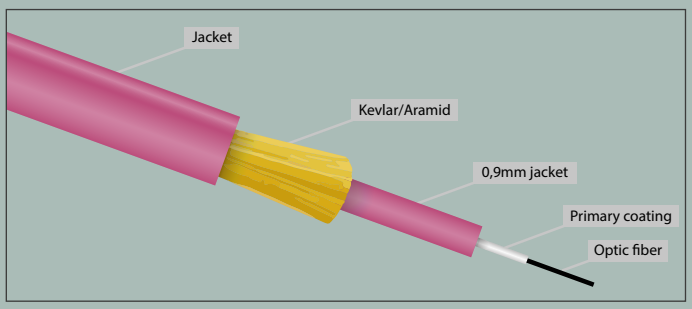
If you choose a reputable brand, the chance of errors in your network is minimal.

ACT is a renowned brand and has built up a reputation over the years by delivering consistent quality. At ACT we are proud of this and we will do everything we can to continue to deliver high consistent quality. With ACT cables, you can be sure of this and you will notice it through a reliable network

4. How is a fiber patch cable constructed?

A fiber patch cable is composed of the following elements:

- The fiber
- Primary and secondary coating: strengthens the fiber and makes it suitable for installation.
- Kevlar: the fiber is protected against tensile stress by the kevlar/aramid around the secondary coating.
- The outer jacket m (also called jacket): strengthens the construction and protects the cable against external influences.



The most important characteristic of Kevlar is that it is very strong. Kevlar is used in bulletproof vests and high end speaker systems. Ideal for the protection of the fiber.

5. Which fibers and connectors are used in patch cables?

Fiber optic patch cables are available with different types of fibers and connectors.

Multimode fiber for short distances

Multimode fibers are used for short distances and have a LED or VCSEL as light source. These fibers are limited in length and speed. Several generations of multimode fibers are available, from OM1 to OM5. Which variant you can use best depends on the application and whether you are going to expand an existing network. You will find more information in the table below.

Singlemode fiber for long distances

Singlemode fibers are used for longer distances and have almost infinite bandwidth. The light source of a single-mode fiber is a laser, which makes it more powerful and accurate, but also more expensive than a LED or VCSEL. In recent years, however, the price difference has been steadily decreasing, as a result of which single mode is increasingly being used for short distances as well.

See below an overview of different types of fiber:

Fiber optic type	OM1	OM2	OM3	OM4	OM5	OS2
			Multimode			Singlemode
	62,5/125µm	50/125µm				9/125µm
Distance						
Distance	2000 m	550 m	300 m	400 m	440 - 150 m	*
Used for	10/100 Mb/s	1 Gb/s	10 Gb/s	10 Gb/s	40-100 Gb/s	*

* The maximum length is related to the best suited speed and depends on the transceiver.

ACT installation cable

- Fixed fibre optic cabling
- Cable on a reel

Fixed cabling, also called installation cabling, is usually delivered on a reel. These cables are used indoors or outdoors. Outdoor cabling is suitable for use in a casing directly in the ground, without any mechanical protection.
The purpose of the installation cable is to protect glass fibre and is therefore delivered with the following functions:
• Mechanical protection; against external influences such as UV radiation, water and rodents
• Provide strain relief; glass fibers are sensitive to tensile stress, the use of aramid or similar material prevents tensile stress.

Indoor cabling
Indoor cabling should comply with fire regulations. Attention is given to the behaviour of the cable in case of fire. Specific attention is paid to the following points:

• Fire propagation and heat generation
• Smoke development
• Burning, falling particles (droplets)
• Toxicity / acidity of the combustion gases

These fire safety requirements are regulated in European CPR (Construction Product Regulation) and Dutch NEN8012 regulations.

Tight buffered cable
Tight buffered cable is also called distribution cable or mini breakout cable. These cables are mostly used as backbone cabling or for extending the point where FTTx cabling enters a building.

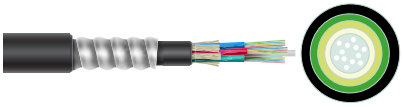
Breakout cable
Breakout cable is used to connect equipment directly, such as media extenders or security cameras.

Indoor / outdoor cabling
Indoor / outdoor cabling is suitable for use inside as well as use outside.

For indoor use, cables must meets requirements for fire safety and for outdoor use it is important that cables are water-repellent.

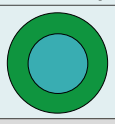
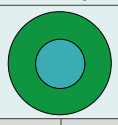
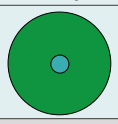
Loose tube cables
Loose tube cables are suitable by using water-repellent gel for outdoor use. These cables are mostly used as backbone cabling between multiple buildings on a site or to extend the point at which the FTTx cabling enters the site.

Outdoor cabling
Outdoor cabling is only suitable for outdoor use due to the materials used in the mantel. Specific characteristics of outdoor cabling are UV resistance, less friction during placement and better water repellent quality.



Loose tube cables with PE jacket
Loose tube cables with a PE jacket have the same applications as standard loose tube cables but are often used for longer distances.

Loose tube cables with STA jacket
STA is an abbreviation of Steel Taped Armoured. Loose tube STA cables are similar to the aforementioned loose tube cables. The difference is that these can be put directly into the ground because of extra mechanical protection.

Fiber Optic type	OM1	OM2	OM3	OM4	OM5	OS2
			Multimode			Singlemode
	62,5/125µm	50/125µm				9/125µm
						
Distance	2000 m	550 m	300 m	400 m	440 - 150 m	10 Km
Used	10/100 Mb/s	1 Gb/s	10 Gb/s	10 Gb/s	40-100 Gb/s	*

* Maximum length is related to the most suitable speed and depends on the transceiver.

Duplex patch cables - Most commonly used fiber patch cables

Duplex patch cables are the most commonly used patch cables in datacom. Duplex patch cables consist of two connected cables with one fiber per cable. The two cables can easily be seperated by zipping them apart, for this reason duplex patch cables are also known as zipcords. Duplex patch cables use one fiber for sending and one for receiving, enabling two way communication for applications like internet and interactive tv.

Duplex patch cable

Duplex patch cable OM5

Polishing A : UPC
Polishing B : UPC
Fiber cable : Patchcord
Fiber type : Multimode
Category : OM5
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 2 mm
Cable colour : Lime green

Duplex OM5

Colour	Connector	0.5m	1m	1.5m	2m	3m	5m
Lime	**LC-LC**	RL5800	RL5801	RL5851	RL5802	RL5803	RL5805
Lime	**LC-SC**	RL5900	RL5901	RL5951	RL5902	RL5903	RL5905

Duplex patch cable OM4

Polishing A : UPC
Polishing B : UPC
Fiber cable : Patchcord
Fiber type : Multimode
Category : OM4
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 2 mm
Cable colour : Erika violet

Duplex OM4

Colour	Connector	0.25m	0.5m	1m	1.5m	2m	3m	5m	10m	15m	20m	25m	30m	50m
Erika violet	**LC-LC**	RL9752	RL9700	RL9701	RL9751	RL9702	RL9703	RL9705	RL9710	RL9715	RL9720	RL9725	RL9730	RL9750
Erika violet	**LC-SC**			RL8701	RL8751	RL8702	RL8703	RL8705	RL8710	RL8715	RL8720	RL8725	RL8730	RL8750
Erika violet	**SC-SC**			RL3701	RL3751	RL3702	RL3703	RL3705	RL3710	RL3715	RL3720		RL3730	RL3750

Duplex patch cable OM3

Fiber cable : Patchcord
Fiber type : Multimode
Category : OM3
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 2 mm
Cable colour : Aqua

Duplex OM3

Colour	Connector	0.25m	0.50m	1m	1.5m	2m	2.5m	3m	4m	5m	7m	10m	15m	20m	25m	30m	50m
Aqua	LC-LC	RL9652	RL9600	RL9601	RL9651	RL9602	RL9653	RL9603	RL9604	RL9605	RL9607	RL9610	RL9615	RL9620	RL9625	RL9630	RL9650
Aqua	LC-SC		RL8600	RL8601	RL8651	RL8602		RL8603		RL8605	RL8607	RL8610	RL8615	RL8620		RL8630	RL8650
Aqua	LC-ST			RL7601	RL7651	RL7602		RL7603		RL7605	RL7607	RL7610		RL7620			
Aqua	SC-SC		RL3600	RL3601	RL3651	RL3602		RL3603		RL3605	RL3607	RL3610	RL3615	RL3620		RL3630	RL3650

Duplex patch cable OM2

Fiber cable : Patchcord
Fiber type : Multimode
Category : OM2
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 2 mm
Cable colour : Orange

Duplex OM2

Colour	Connector	0.50m	1m	1.5m	2m	3m	5m	10m	15m	20m	25m	30m	50m
Orange	LC-LC	RL9500	RL9501	RL9551	RL9502	RL9503	RL9505	RL9510	RL9515	RL9520	RL9525	RL9530	RL9550
Orange	LC-SC	RL8500	RL8501	RL8551	RL8502	RL8503	RL8505	RL8510	RL8515	RL8520		RL8530	RL8550
Orange	LC-ST		RL7501	RL7551	RL7502	RL7503	RL7505	RL7510	RL7515	RL7520		RL7530	RL7550
Orange	SC-SC	RL3500	RL3501	RL3551	RL3502	RL3503	RL3505	RL3510	RL3515	RL3520		RL3530	RL3550
Orange	SC-ST	RL2500	RL2501	RL2551	RL2502	RL2503	RL2505	RL2510	RL2515	RL2520		RL2530	RL2550
Orange	ST-ST	RL1500	RL1501	RL1551	RL1502	RL1503	RL1505	RL1510	RL1515	RL1520		RL1530	RL1550

Duplex patch cable OM1

Fiber cable : Patchcord
Fiber type : Multimode
Category : OM1
Number of fibers : 2
Core diameter : 62.5/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 2 mm
Cable colour : Orange

Duplex OM1

Colour	Connector	0.50m	1m	1.5m	2m	3m	5m	10m	15m	20m	25m	30m	50m
Orange	LC-SC	RL8000	RL8001	RL8051	RL8002	RL8003	RL8005	RL8010	RL8015	RL8020		RL8030	
Orange	LC-LC	RL9000	RL9001	RL9051	RL9002	RL9003	RL9005	RL9010	RL9015	RL9020	RL9025	RL9030	RL9050
Orange	LC-ST		RL7001	RL7051	RL7002	RL7003	RL7005	RL7010	RL7015	RL7020		RL7030	RL7050
Orange	SC-SC	RL3000	RL3001	RL3051	RL3002	RL3003	RL3005	RL3010	RL3015	RL3020			RL3050
Orange	SC-ST	RL2000	RL2001	RL2051	RL2002	RL2003	RL2005	RL2010	RL2015	RL2020		RL2030	RL2050
Orange	ST-ST	RL1000	RL1001	RL1051	RL1002	RL1003	RL1005	RL1010	RL1015	RL1020		RL1030	RL1050

Duplex patch cable OS2

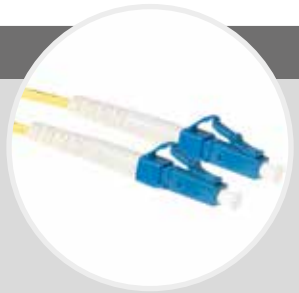
Fiber cable	: Patchcord
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 2
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB UPC, 65 dB APC
Outer jacket	: LSZH
Outer diameter	: 2 mm
Cable colour	: Yellow

Duplex OS2

Colour	Connector	0.25m	0.5m	1m	1.5m	2m	2.5m	3m	4m	5m	7m	10m	15m	20m	25m	30m	50m
Yellow	LC-LC	RL9952	RL9900	RL9901	RL9951	RL9902	RL9953	RL9903	RL9904	RL9905	RL9907	RL9910	RL9915	RL9920	RL9925	RL9930	RL9950
Yellow	LC-SC		RL8900	RL8901	RL8951	RL8902		RL8903		RL8905	RL8907	RL8910	RL8915	RL8920	RL8925	RL8930	RL8950
Yellow	LC-ST			RL7901	RL7951	RL7902		RL7903		RL7905		RL7910	RL7915	RL7920		RL7930	RL7950
Yellow	SC-SC		RL3900	RL3901	RL3951	RL3902		RL3903		RL3905		RL3910	RL3915	RL3920		RL3930	RL3950
Yellow	SC-ST			RL2901	RL2951	RL2902		RL2903		RL2905		RL2910	RL2915	RL2920			
Yellow	LC/APC-LC/APC		RL2600	RL2601	RL2651	RL2602		RL2603		RL2605		RL2610		RL2620			
Yellow	LC/APC-SC/APC			RL2701		RL2702		RL2703		RL2705		RL2710					
Yellow	LC/APC-LC/UPC			RL2801		RL2802		RL2803		RL2805		RL2810					
Yellow	SC/APC8-LC/PC		RL8800	RL8801	RL8851	RL8802		RL8803		RL8805		RL8810	RL8815	RL8820	RL8825	RL8830	RL8850
Yellow	SC/APC8-SC/PC		RL3800	RL3801		RL3802		RL3803		RL3805		RL3810	RL3815	RL3820	RL3825	RL3830	RL3850
Yellow	SC/APC8-SC/APC8		RL1600	RL1601		RL1602		RL1603		RL1605		RL1610	RL1615	RL1620			
Yellow	E2000/APC-SC/UPC*			RL3101		RL3102		RL3103		RL3105	RL3107	RL3110					
Yellow	E2000/APC-LC/UPC*			RL3201		RL3202		RL3203		RL3205	RL3207	RL3210					
Yellow	E2000/APC-E2000/APC*			RL1901		RL1902		RL1903		RL1905	RL1907	RL1910					

**IL (max.) 0.25 dB at RL31xx and RL32xx IL (gem.) 0.12 dB at RL31xx and RL32xx*

Simplex patch cables - Sending and receiving over a single fiber



You can cut your need of the fibers/cables in half by using simplex patch cables. This works with fiber optic modules that enable two way communication over one fiber. These kind of patch cables are used a lot in FTTH applications for minimizing the usage of fibers. Simplex patch cables are only available in Singlemode and not in Multimode.

Simplex patch cable

Simplex patch cables OS2

Connector A	: LC male (x1)
Polishing A	: UPC
Connector B	: LC male (x1)
Polishing B	: UPC
Fiber cable	: Patchcord
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 1
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 2 mm
Cable colour	: Yellow

Simplex patch cable OS2

Colour	Connector	0.5m	1m	1.5m	2m	3m
Yellow	LC-LC	RL9990	RL9991	RL9999	RL9992	RL9993

Uniboot patch cables - Less volume

By using uniboot patch cables you save up to 50% volume because the cables are thinner. Uniboot patch cables come by their name by using two connectors in one single boot and have 2 fibers per cable. Especially in datacenters and server rooms space is limited and the reduced volume leads to a saving. Simplex patch cables have the same volume. Also available in multimode what is commonly used in datacenters and no necessity to use specialized fiber optic modules.

Uniboot duplex patch cable

Uniboot duplex patch cable OM3

Connector A	: LC male (x2)
Polishing A	: UPC
Connector B	: LC male (x2)
Polishing B	: UPC
Fiber cable	: Uniboot
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 2
Core diameter	: 50/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 40 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm
Cable colour	: Aqua

Uniboot OM3

Colour	Connector	0.50m	1m	2m	3m	5m
Aqua	LC-LC	RL6100	RL6101	RL6102	RL6103	RL6105

Uniboot duplex patch cable OS2

Connector A	: LC male (x2)
Polishing A	: UPC
Connector B	: LC male (x2)
Polishing B	: UPC
Fiber cable	: Uniboot
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 2
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm
Cable colour	: Yellow

Uniboot OS2

Colour	Connector	0.5m	1m	2m	3m	5m
Yellow	LC-LC	RL6200	RL6201	RL6202	RL6203	RL6205

Uniboot HD patch cables - For use in high density panels

Uniboot HD patch cables differ from normal uniboot in that they have an extractor making them easy to remove from a high density panel. In High Density panels the adapters are both horizontally and vertically placed next to each other making an extractor ideal to press the lip of the LC connector.

Uniboot HD duplex patch cable

Uniboot HD duplex patch cable OM3

Connector A	: LC male (x2)
Polishing A	: UPC
Connector B	: LC male (x2)
Polishing B	: UPC
Fiber cable	: Uniboot HD
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 2
Core diameter	: 50/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 40 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm
Cable colour	: Aqua

Uniboot HD OM3

Colour	Connector	0.50m	1m	2m	3m	5m
Aqua	LC-LC	RL6300	RL6301	RL6302	RL6303	RL6305

Uniboot HD duplex patch cable OS2

Connector A	: LC male (x2)
Polishing A	: UPC
Connector B	: LC male (x2)
Polishing B	: UPC
Fiber cable	: Uniboot HD
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 2
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm
Cable colour	: Yellow

Uniboot HD OS2

Colour	Connector	0.5m	1m	2m	3m	5m
Yellow	LC-LC	RL6400	RL6401	RL6402	RL6403	RL6405

Short boot patch cables - When space is limited

When you have limited space for the connector because of a small housing or short distance between the panel and door of a 19" cabinet short boot patch cables are a great solution. Short boot differs from duplex patch cables by having a shorter boot on the connector.

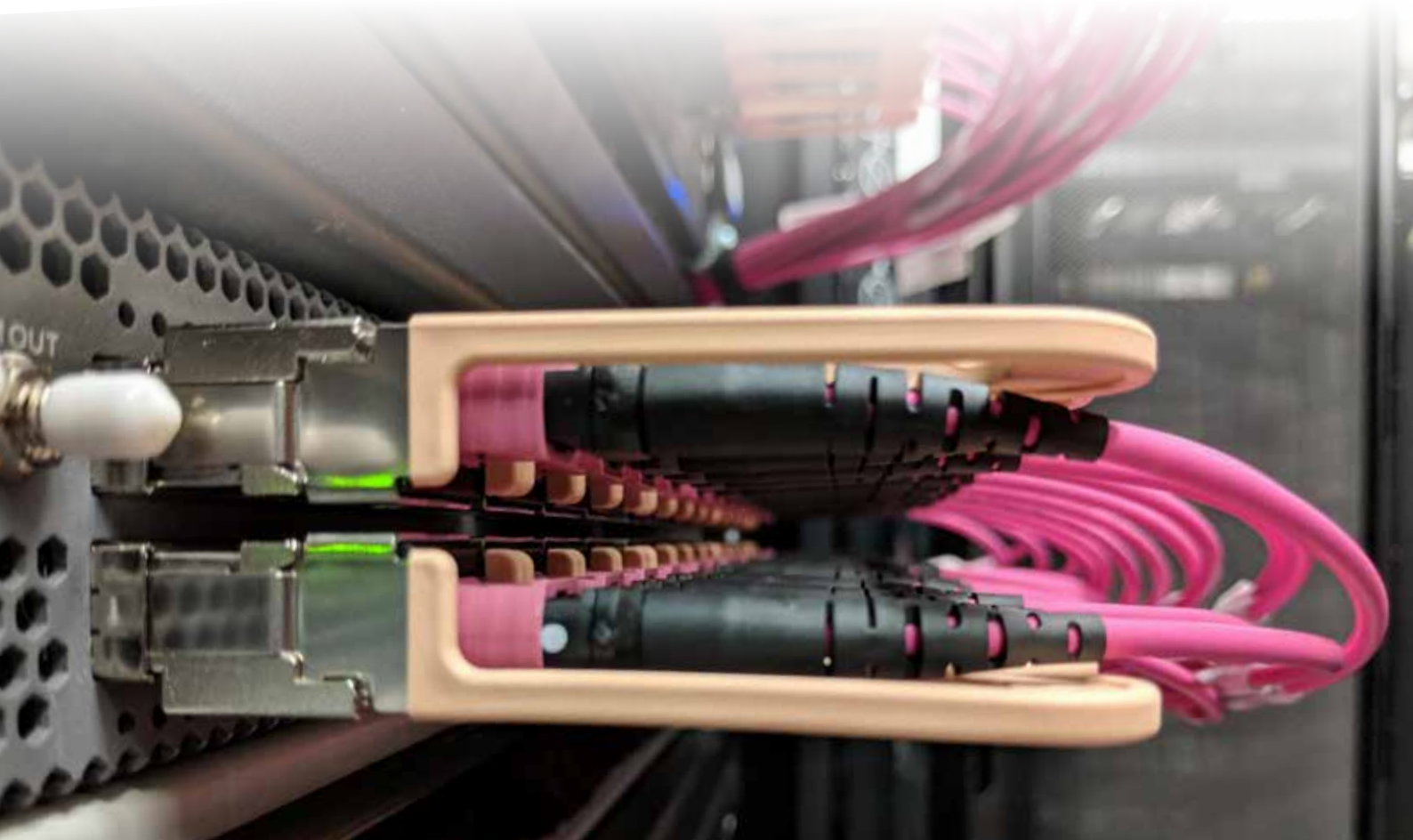
Short boot duplex patch cable

Short boot duplex patch cable OS2

Fiber cable	: Uniboot HD
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 2
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm
Cable colour	: Yellow

Short boot OS2

Colour	Connector	0.5m	1m	2m	3m	5m	10m	15m	20m	25m	30m	50m
Yellow	LC-LC short boot	RL1700	RL1701	RL1702	RL1703	RL1705	RL1710	RL1715	RL1720	RL1725	RL1730	RL1750
Yellow	LC short boot -SC	RL1800	RL1801	RL1802	RL1803	RL1805	RL1810	RL1815	RL1820	RL1825	RL1830	RL1850



Ruggedized patch cables - Better mechanical protection

You can use ruggedized (flatoval) patch cables for longer distances, 10 meter or more. Normal patch cables are suited for short distances within a 19" cabinet. Ruggedized patch cables have an extra jacket for improved mechanical protection and are also named Flatoval fiber optic cables due to the oval form of the extra jacket.

Ruggedized duplex patch cable

Ruggedized duplex patch cable OM3

Fiber cable : Ruggedized
Fiber type : Multimode
Category : OM3
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 4.8 x 2.8 mm
Cable colour : Aqua

Ruggedized OM3

Colour	Connector	10m	20m	30m	40m	50m
Aqua	LC-LC	RL5101	RL5102	RL5103	RL5104	RL5105
Aqua	LC-SC	RL5201	RL5202	RL5203	RL5204	RL5205
Aqua	SC-SC	RL5301	RL5302	RL5303	RL5304	RL5305

Ruggedized duplex patch cable OS2

Fiber cable : Ruggedized
Fiber type : Singlemode
Category : OS2
Number of fibers : 2
Core diameter : 9/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 50 dB
Outer jacket : LSZH
Outer diameter : 4.8 x 2.8 mm
Cable colour : Yellow

Ruggedized OS2

Colour	Connector	10m	20m	30m	40m	50m
Yellow	LC-LC	RL5401	RL5402	RL5403	RL5404	RL5405
Yellow	LC-SC	RL5601	RL5602	RL5603	RL5604	RL5605
Yellow	SC-SC	RL5701	RL5702	RL5703	RL5704	RL5705

Armored patch cables - The best mechanical protection

When your patch cables are exposed to extreme conditions in harsh environments you can chose armored patch cables. These are patch cables with a metal armor offering the best protection. This type of patch cable is commonly used in industrial or offshore environments.

Armored duplex patch cable

Armored duplex patch cable OS2

Connector A : LC male (x2)
Polishing A : UPC
Connector B : LC male (x2)
Polishing B : UPC
Fiber cable : Armored
Fiber type : Singlemode
Category : OS2
Number of fibers : 2
Core diameter : 9/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 55 dB
Outer jacket : LSZH
Outer diameter : 3 mm
Cable colour : Yellow

Armored OS2

Colour	Connector	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	25m	30m	40m	50m
Yellow	LC-LC	RL3300	RL3301	RL3351	RL3302	RL3303	RL3305	RL3307	RL3310	RL3315	RL3320	RL3325	RL3330	RL3340	RL3350

Armored duplex patch cable OM3

Connector A : LC male (x2)
Polishing A : UPC
Connector B : LC male (x2)
Polishing B : UPC
Fiber cable : Armored
Fiber type : Multimode
Category : OM3
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.2 dB
IL (avg.) : 0.1 dB
RL (min.) : 45 dB
Outer jacket : LSZH
Outer diameter : 3 mm
Cable colour : Aqua

Armored OM3

Colour	Connector	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	25m	30m	40m	50m
Aqua	LC-LC	RL3400	RL3401	RL3451	RL3402	RL3403	RL3405	RL3407	RL3410	RL3415	RL3420	RL3425	RL3430	RL3440	RL3450

IP67 patch cables

For outside use there are patch cables with an extra housing for IP67 water- and dust resistance. These cables are commonly used for connecting antenna's in mobile base stations to ground cabling for wireless applications like wifi and mobile internet.

IP67 duplex patch cable

IP67 duplex patch cable OM3

Fiber cable : Ruggedized
Fiber type : Multimode
Category : OM3
Number of fibers : 2
Core diameter : 50/125 µm
IL (max.) : 0.25 dB
IL (avg.) : 0.15 dB
RL (min.) : 30 dB
Outer jacket : LSZH
Outer diameter : 7 mm
Cable colour : Black

IP67 OM3

Colour	Connector	1m	2m	5m	10m	15m	20m	30m	40m	50m
Black	LC(IP67)-LC	RL7101	RL7102	RL7105	RL7110	RL7115	RL7120	RL7130	RL7140	RL7150
Black	LC(IP67)-LC (IP67)	RL7201	RL7202	RL7205	RL7210	RL7215	RL7220	RL7230	RL7240	RL7250

IP67 duplex patch cable OS2

Fiber cable : Ruggedized
Fiber type : Singlemode
Category : OS2
Number of fibers : 2
Core diameter : 9/125 µm
IL (max.) : 0.25 dB
IL (avg.) : 0.15 dB
RL (min.) : 50 dB
Outer jacket : LSZH
Outer diameter : 7 mm
Cable colour : Black

IP67 OS2

Colour	Connector	1m	2m	5m	10m	15m	20m	30m	40m	50m
Black	LC(IP67)-LC	RL7301	RL7302	RL7305	RL7310	RL7315	RL7320	RL7330	RL7340	RL7350
Black	LC(IP67)-LC (IP67)	RL7401	RL7402	RL7405	RL7410	RL7415	RL7420	RL7430	RL7440	RL7450

MTP / MPO patch cable

If you want to make connections with high speeds (40G and more) an MTP|MPO patch cable is an excellent choice. The connector is able to connect 12 fibers at once over 1 compact cable. This cable is typically applied in situations where the bandwidth is high and the distance short, mostly up to 100 meters making this the high speed cable of choice in datacenters and server rooms.

MTP / MPO patch cable

MTP(MPO) - MTP(MPO) patch cables

Connector A	: MTP® US Conec Elite (MPO) female (x1)
Polishing A	: UPC
Connector B	: MTP® US Conec Elite (MPO) female (x1)
Polishing B	: UPC
Fiber cable	: Patchcord
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 12
Core diameter	: 50/125 µm
IL (max.)	: 0.35 dB
IL (avg.)	: 0.2 dB
RL (min.)	: 20 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm

MTP/MPO patch cable

Colour	1m	2m	3m	5m	7m	10m	12m	15m	20m
OM3 Polarity A	RL7701	RL7702	RL7703	RL7705	RL7707	RL7710	RL7712	RL7715	RL7720
OM3 Polarity B	RL7721	RL7722	RL7723	RL7725	RL7727	RL7730	RL7732	RL7735	RL7740
OM4 Polarity A	RL7741	RL7742	RL7743	RL7745	RL7747	RL7750	RL7752	RL7755	RL7760
OM4 Polarity B	RL7761	RL7762	RL7763	RL7765	RL7767	RL7770	RL7772	RL7775	RL7780
OS2 Polarity A	RL7781	RL7782	RL7783	RL7785	RL7787	RL7790	RL7792	RL7795	RL7800

MTP(MPO) - LC fanout patch cables

Connector A	: MTP® US Conec Elite (MPO) female (x1)
Polishing A	: UPC
Connector B	: LC male
Polishing B	: UPC
Fiber cable	: Patchcord
IL (max.)	: 0.35 dB
IL (avg.)	: 0.2 dB
RL (min.)	: 20 dB
Outer jacket	: LSZH
Outer diameter	: 3 mm

MTP/MPO - LC fanout

Colour	1m	2m	3m	5m
OM3 8 fibers	RL7821	RL7822	RL7823	RL7825
OM3 12 fibers	RL7831	RL7832	RL7833	RL7835
OM4 8 fibers	RL7841	RL7842	RL7843	RL7845
OM4 12 fibers	RL7851	RL7852	RL7853	RL7855
OS2 8 fibers	RL7861	RL7862	RL7863	RL7865
OS2 12 fibers	RL7871	RL7872	RL7873	RL7875

Prefab cables - minimize installation time and labor in your data center or server room

For fast and easy installation of installation and backbone cabling in your datacenter choose ACT prefab cabling
ACT for all your MAC (Moves Adds and Changes). With our ACT solutions you can immediately get started if you want to change or expand your backbone cabling. Our ACT fiber optic prefab cables are supplied from stock.

Stocked
We stock Singlemode and Multimode cabling with 24 fibers and LC connectors in lengths up to 100 meters. These are ultra-compact cables with uniboot connectors for the smallest possible fanout. From MTP/MPO trunk cables up to 100 meters the most requested lengths are also available from stock. This range includes cables with 1, 2 or 4 MTP/MPO connectors per side in both polarity A and B in Multimode.

MTP / MPO trunk cable

Trunk cable OM4 (OM3), with MTP/MPO connectors

Connector A	: MTP® US Conec Elite (MPO) female (x1 / x2 / x4)
Polishing A	: UPC
Connector B	: MTP® US Conec Elite (MPO) female (x1 / x2 / x4)
Polishing B	: UPC
Fiber cable	: Trunk cable
Fiber type	: Multimode
Category	: OM4
Number of fibers	: 1 x 12 / 2 x 12 / 4 x 12
Core diameter	: 50/125 µm
IL (max.)	: 0.35 dB
IL (avg.)	: 0.2 dB
RL (min.)	: 20 dB
Outer jacket	: LSZH
Outer diameter	: 6.5 / 6.8 / 6.8 mm
CPR Euroclass	: Eca

12, 24, 48 fibers, OM4

1x 12 fibers trunk cable OM4 (OM3), wtih 1x MTP/MPO connector at each end

Colour	Polarity	25m	30m	35m	40m	45m	50m	60m	70m	80m	90m	100m
Erika Violet	A	DC5000	DC5001	DC5002	DC5003	DC5004	DC5005	DC5006	DC5007	DC5008	DC5009	DC5010
Erika Violet	B	DC5020	DC5021	DC5022	DC5023	DC5024	DC5025	DC5026	DC5027	DC5028	DC5029	DC5030

2x 12 fibers trunk cable OM4 (OM3), met 2x MTP/MPO connectors at each end

Colour	Polarity	5m	7m	10m	12m	15m	20m	25m	30m	35m	40m	45m	50m	60m	70m	80m	90m	100m
Erika Violet	A	DC5200	DC5201	DC5202	DC5203	DC5204	DC5205	DC5206	DC5207	DC5208	DC5209	DC5210	DC5211	DC5212	DC5213	DC5214	DC5215	DC5216
Erika Violet	B	DC5250	DC5251	DC5252	DC5253	DC5254	DC5255	DC5256	DC5257	DC5258	DC5259	DC5260	DC5261	DC5262	DC5263	DC5264	DC5265	DC5266

4x 12 fibers trunk cable OM4 (OM3), met 4x MTP/MPO connectors at each end

Colour	Polarity	5m	7m	10m	12m	15m	20m	25m	30m	35m	40m	45m	50m	60m	70m	80m	90m	100m
Erika Violet	A	DC5400	DC5401	DC5402	DC5403	DC5404	DC5405	DC5406	DC5407	DC5408	DC5409	DC5410	DC5411	DC5412	DC5413	DC5414	DC5415	DC5416
Erika Violet	B	DC5450	DC5451	DC5452	DC5453	DC5454	DC5455	DC5456	DC5457	DC5458	DC5459	DC5460	DC5461	DC5462	DC5463	DC5464	DC5465	DC5466

Prefab cable

24 fibers prefab OS2 indoor, with LC uniboot connectors

Connector A	: LC male (x24)
Polishing A	: UPC
Connector B	: LC male (x24)
Polishing B	: UPC
Fiber cable	: Micro cable
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 24
Core diameter	: 9/125 µm
IL (max.)	: 0.15 dB
IL (avg.)	: 0.07 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 6.5 mm
Cable colour	: Yellow
CPR Euroclass	: Eca

24 fibers, OS2

Colour	3m	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	60m	70m	80m	90m	100m
Yellow	DC5550	DC5551	DC5552	DC5553	DC5554	DC5555	DC5556	DC5557	DC5558	DC5559	DC5560	DC5561	DC5562	DC5563	DC5564	DC5565

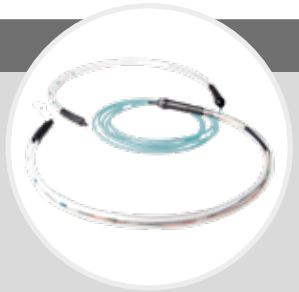
24 fibers prefab OM4 (OM3) indoor, with LC uniboot connectors

Connector A	: LC male (x24)
Polishing A	: UPC
Connector B	: LC male (x24)
Polishing B	: UPC
Fiber cable	: Micro cable
Fiber type	: Multi mode
Category	: OM4
Number of fibers	: 24
Core diameter	: 50/125 µm
IL (max.)	: 0.15 dB
IL (avg.)	: 0.07 dB
RL (min.)	: 35 dB
Outer jacket	: LSZH
Outer diameter	: 6.5 mm
Cable colour	: Erika Violet
CPR Euroclass	: Eca

24 fibers, OM4

Colour	3m	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	60m	70m	80m	90m	100m
Erika Violet	DC5500	DC5501	DC5502	DC5503	DC5504	DC5505	DC5506	DC5507	DC5508	DC5509	DC5510	DC5511	DC5512	DC5513	DC5514	DC5515

Prefab cables - a do it yourself solution



Prefab cables are used by the following target audiences:
- Network installers that are not specialized in termination of fiber optics
- System integrators
- Datacenters
- AV integrator

By using prefab cables you have the following advantages:
- Connectors are terminated and tested in a clean room production environment
- Cables come with individual test reports on insertion loss
- No need to investment in equipment for splicing or testing
- Up to 80% less installation time (compared to terminating your own connectors)
- Connectors are protected by protective tubing during installation

Stock assortment
We have a stock of prefab cables in lengths from 10 up to 300 meters in both OM3 and OS2. These are Loose tube indoor / outdoor cables with 4 or 8 fibers. All other types will be custom made with very short lead-time.

Our experts are available to find the best solution for your case.

4 fibers prefab indoor/outdoor cables OS2

Connector A	: LC male (x4)
Polishing A	: UPC
Connector B	: LC male (x4)
Polishing B	: UPC
Fiber cable	: Loose tube
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 4
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 6 mm
Cable colour	: Yellow

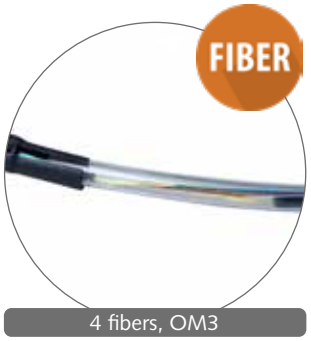
4 fibers, OS2

ACT

Colour	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m
Yellow	RL2301	RL2302	RL2303	RL2304	RL2305	RL2306	RL2307	RL2308	RL2309	RL2310
	110 m	**120 m**	**130 m**	**140 m**	**150 m**	**160 m**	**170 m**	**180 m**	**190 m**	**200 m**
Yellow	RL2311	RL2312	RL2313	RL2314	RL2315	RL2316	RL2317	RL2318	RL2319	RL2320
	210 m	**220 m**	**230 m**	**240 m**	**250 m**	**260 m**	**270 m**	**280 m**	**290 m**	**300 m**
Yellow	RL2321	RL2322	RL2323	RL2324	RL2325	RL2326	RL2327	RL2328	RL2329	RL2330

4 fibers prefab indoor/outdoor cables OM3

Connector A	: LC male (x4)
Polishing A	: UPC
Connector B	: LC male (x4)
Polishing B	: UPC
Fiber cable	: Loose tube
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 4
Core diameter	: 50/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 45 dB
Outer jacket	: LSZH
Outer diameter	: 6 mm
Cable colour	: Aqua



4 fibers, OM3

Colour	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m
Aqua	RL2401	RL2402	RL2403	RL2404	RL2405	RL2406	RL2407	RL2408	RL2409	RL2410
	110 m	**120 m**	**130 m**	**140 m**	**150 m**	**160 m**	**170 m**	**180 m**	**190 m**	**200 m**
Aqua	RL2411	RL2412	RL2413	RL2414	RL2415	RL2416	RL2417	RL2418	RL2419	RL2420
	210 m	**220 m**	**230 m**	**240 m**	**250 m**	**260 m**	**270 m**	**280 m**	**290 m**	**300 m**
Aqua	RL2421	RL2422	RL2423	RL2424	RL2425	RL2426	RL2427	RL2428	RL2429	RL2430

8 fibers prefab indoor/outdoor cables OS2

Connector A	: LC male (x8)
Polishing A	: UPC
Connector B	: LC male (x8)
Polishing B	: UPC
Fiber cable	: Loose tube
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 8
Core diameter	: 9/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 6 mm
Cable colour	: Yellow

8 fibers, OS2

Colour	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m
Yellow	RL4101	RL4102	RL4103	RL4104	RL4105	RL4106	RL4107	RL4108	RL4109	RL4110
	110m	**120m**	**130m**	**140m**	**150m**	**160m**	**170m**	**180m**	**190m**	**200m**
Yellow	RL4111	RL4112	RL4113	RL4114	RL4115	RL4116	RL4117	RL4118	L4119	RL4120
	210m	**220m**	**230m**	**240m**	**250m**	**260m**	**270m**	**280m**	**290m**	**300m**
Yellow	RL4121	RL4122	RL4123	RL4124	RL4125	RL4126	RL4127	RL4128	RL4129	RL4130

8 fibers prefab indoor/outdoor cables OM3

Connector A	: LC male (x8)
Polishing A	: UPC
Connector B	: LC male (x8)
Polishing B	: UPC
Fiber cable	: Loose tube
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 8
Core diameter	: 50/125 µm
IL (max.)	: 0.2 dB
IL (avg.)	: 0.1 dB
RL (min.)	: 45 dB
Outer jacket	: LSZH
Outer diameter	: 6 mm
Cable colour	: Aqua

8 fibers, OM3

Colour	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m
Aqua	RL4201	RL4202	RL4203	RL4204	RL4205	RL4206	RL4207	RL4208	RL4209	RL4210
	110m	**120m**	**130m**	**140m**	**150m**	**160m**	**170m**	**180m**	**190m**	**200m**
Aqua	RL4211	RL4212	RL4213	RL4214	RL4215	RL4216	RL4217	RL4218	RL4219	RL4220
	210m	**220m**	**230m**	**240m**	**250m**	**260m**	**270m**	**280m**	**290m**	**300m**
Aqua	RL4221	RL4222	RL4223	RL4224	RL4225	RL4226	RL4227	RL4228	RL4229	RL4230

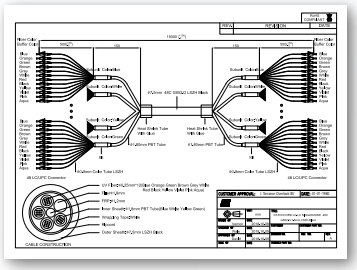
Custom made cabling

ACT strong in Custom made cabling and labelling

Strong in custom-made cabling
In addition to the extensive range of cabling, ACT is specialized in custom made cabling. Almost anything is possible in the field of copper and fibre assemblies.

Advantages of custom made cabling
- ✓ Extremely flexible, fast and attractively priced.
- ✓ Thorough knowledge per area, in-house quality management.
- ✓ We make a technical drawing for every custom made cable to assure 100% clarity for both parties.
- ✓ It's possible to label cables with text / labels to your specific needs.

Custom labeling
Cable management is of crucial importance within datacentres. In one glance you want to see which cables are connected.



ACT will label your cables
Cable labeling is possible for almost any types of cable, such as network cables (CAT6 / CAT6A), fibre optic cables, DAC cables, power cables etc.

Benefits of custom labeling
- ✓ Save on labour costs, cables are already labelled.
- ✓ No investment needed in printers and others equipment.
- ✓ Self-specify what should be labelled and on which part of the cable.

ACT
Patch cable Twisted Pair

ACT patch cable : full copper conductors

ACT patch cables are fitted with full copper conductors and comply with the ANSI/TIA-568.2-D performance requirements. The combination of a well structured copper data network, reliable active devices and copper patch cables ensure a trouble-free operating network which will be stable for a long period of time.

By applying materials that comply with international standards, your active network devices will be able to perform optimally, without failures. For PoE (Power over Ethernet) applications, it is important to use patch cables with full copper conductors. All ACT patch cables have full copper conductors.

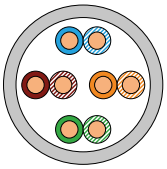
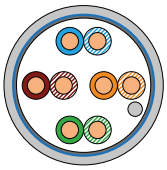
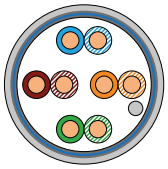
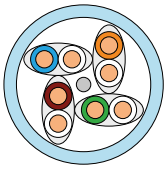
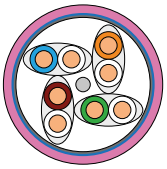
Full copper cables:
- ✓ Performs well with longer lengths.
- ✓ DC (Direct Current) resistance is 40% lower than CCA cable.
- ✓ The flexibility is secured over the longer term.
- ✓ No risk of breaking the cable.
- ✓ Meets the ANSI / TIA-568.2-D standard.
- ✓ Suitable for PoE applications.

Why not to choose for low quality cable
Using low quality cables such as CCA or CCS cables has the disadvantages as written below. Copper Clad Aluminium (CCA) conductors consist of an aluminium conductor that is coated with a thin layer of copper.

Disadvantages of CCA network cables are:
- Cable does not perform well with longer lengths.
- The attenuation is +/- 40% higher.
- DC (Direct Current) resistance is 40% higher.
- The flexibility decreases over the longer term.
- Much greater risk of breaking the cable.
- Does not meet the ANSI / TIA-568.2-D standard.

Disadvantages of CCS twisted pair networking cables are:
- Cable does not perform well with longer lengths.
- The attenuation is +/- 60% till 75% higher.
- DC (Direct Current) resistance is 60% till 75% higher.
- The flexibility decreases over the longer term.
- Much greater risk of breaking the cable.
- Does not meet the ANSI / TIA-568.2-D standard.

Below you will find an overview of the different cable types with the corresponding abbreviations:

U/UTP	F/UTP	SF/UTP	U/FTP	S/FTP
Unshielded twisted pair.	Twisted pair cable with foil shielding.	Twisted pair cable with foil and braded shielding.	Twisted pair cable with foil shielding for each wire pair separately.	Twisted pair cable with foil shielding for each wire pair plus additional braiding screen for all wire pairs together.
				

Power over ethernet

Power over Ethernet (PoE)

Power over Ethernet (PoE) is a technology for wired ethernet local area networks (LANs) that allows the electrical current (necessary for the operation of each device) to be carried by the data cables. Using PoE minimizes the number of wires that must be used in order to install the network. PoE was originally developed to support devices like WiFi access points (APs) and IP phones. PoE made AP installations easier and more flexible, especially on ceilings.
For PoE to work, the electrical current must go into the data cable at the power-supply end, and come out at the device end, in such a way that the current is kept separate from the data signal so that neither interferes with the other.

PoE (Type 1) for low powered devices
PoE utilizes two pairs to connect many types of lower-powered devices to the network. Based on the initial IEEE 802.3af-2003 standard, it provides up to 15.4W of DC power to each PoE port (up to 12.95W of power for each device). PoE Type 1 can support devices such as VoIP phones, sensors/meters, basic access points and simple, static surveillance cameras that don't pan, tilt or zoom.

PoE+ (Type 2) for higher powered devices
Higher-powered devices are connected to the network using PoE, based on the IEEE 802.3at-2009 standard. It is backward compatible (meaning that it can also support the types of devices typically supported by PoE), and provides 30W of DC power to each PoE port (up to 25.5W of power for each device). PoE+ can support devices such as more complex surveillance cameras that pan, tilt or zoom, as well as advanced wireless access points, LCD displays, biometric sensors and tablets.

PoE++ (Type 3) 4-pair
4-pair PoE uses all four pairs in a copper cable. It provides 60W of DC power to each PoE port (up to 51W of power for each device). 4-pair POE can support devices such as videoconferencing system components and building management devices. (*info draft 2018)*

Higher-power PoE (Type 4)
Growing power requirements of network devices are pushing the need for higher power delivered through network cabling, which is where Higher-power PoE comes into play. It provides up to 100W of DC power to each PoE port (up to 71W of power for each device). PoE Type 4 can support devices such as laptops and TVs. (*info draft 2018)*

CAT6A

Category 6A, ISO Class EA with a bandwidth of 500 MHz, can be used for 100 Mbps, 1000 Mbps and 10 Gigabit ethernet networks up to a maximum length of 100 meters. Besides ethernet, these cables are suitable for many other protocols, such as analog telephony, ISDN, PoE, ATM, Token Ring and RS-232 up to a distance of 100 meters.

500MHz · KOPEREN GELEIDERS · 50µ GOUD · PoE · 100% GETEST · 5 JAAR GARANTIE

CAT6A U/UTP patch cables

CAT6A U/UTP patch cable snagless

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: U/UTP
Category	: CAT6A
Conductor material	: Copper
Wire gauge	: 24 AWG
Outer jacket	: PVC
Bandwidth	: 500 MHz

U/UTP snagless

Colour	0.25m	0.5m	1m	1.5m	2m	2.5m	3m	4m	5m	7m	10m	15m	20m
Ivory	IB3252	IB3200	IB3201	IB3251	IB3202		IB3203		IB3205	IB3207	IB3210	IB3215	IB3220
Grey	IB3052	IB3000	IB3001	IB3051	IB3002	IB3053	IB3003	IB3004	IB3005	IB3007	IB3010	IB3015	IB3020
Red	IB2552	IB2500	IB2501	IB2551	IB2502		IB2503		IB2505	IB2507	IB2510	IB2515	IB2520
Blue	IB2652	IB2600	IB2601	IB2651	IB2602		IB2603		IB2605	IB2607	IB2610	IB2615	IB2620
Green	IB2752	IB2700	IB2701	IB2751	IB2702		IB2703		IB2705	IB2707	IB2710	IB2715	IB2720
Yellow	IB2852	IB2800	IB2801	IB2851	IB2802		IB2803		IB2805	IB2807	IB2810	IB2815	IB2820
Black	IB2952	IB2900	IB2901	IB2951	IB2902		IB2903		IB2905	IB2907	IB2910	IB2915	IB2920
Orange		IB2100	IB2101	IB2151	IB2102		IB2103		IB2105	IB2107	IB2110	IB2115	IB2120
Brown		IB2200	IB2201	IB2251	IB2202		IB2203		IB2205	IB2207	IB2210	IB2215	IB2220
Purple		IB2300	IB2301	IB2351	IB2302		IB2303		IB2305	IB2307	IB2310	IB2315	IB2320
Pink		IB2400	IB2401	IB2451	IB2402		IB2403		IB2405	IB2407	IB2410	IB2415	IB2420
White		IB6300	IB6301	IB6351	IB6302		IB6303		IB6305	IB6307	IB6310	IB6315	IB6320

CAT6A U/UTP patch cable

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: U/UTP
Category	: CAT6A
Conductor material	: Copper
Wire gauge	: 24 AWG
Outer jacket	: PVC
Bandwidth	: 500 MHz

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m
Ivory	IB3352	IB3300	IB3301	IB3351	IB3302	IB3303	IB3305	IB3307	IB3310	IB3315	IB3320
Grey	IB3452	IB3400	IB3401	IB3451	IB3402	IB3403	IB3405	IB3407	IB3410	IB3415	IB3420
Red		IB3700	IB3701	IB3751	IB3702	IB3703	IB3705	IB3707	IB3710	IB3715	IB3720
Blue		IB3800	IB3801	IB3851	IB3802	IB3803	IB3805	IB3807	IB3810	IB3815	IB3820
Green		IB3900	IB3901	IB3951	IB3902	IB3903	IB3905	IB3907	IB3910	IB3915	IB3920
Yellow		IB4100	IB4101	IB4151	IB4102	IB4103	IB4105	IB4107	IB4110	IB4115	IB4120
Black		IB4200	IB4201	IB4251	IB4202	IB4203	IB4205	IB4207	IB4210	IB4215	IB4220
Orange		IB4300	IB4301	IB4351	IB4302	IB4303	IB4305	IB4307	IB4310	IB4315	IB4320
Brown		IB4400	IB4401	IB4451	IB4402	IB4403	IB4405	IB4407	IB4410	IB4415	IB4420
Purple		IB6600	IB6601	IB6651	IB6602	IB6603	IB6605	IB6607	IB6610	IB6615	IB6620
Pink		IB7300	IB7301	IB7351	IB7302	IB7303	IB7305	IB7307	IB7310	IB7315	IB7320
White		IB9300	IB9301	IB9351	IB9302	IB9303	IB9305	IB9307	IB9310	IB9315	IB9320

CAT6A U/UTP LSZH patch cable

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: U/UTP
Category	: CAT6A
Conductor material	: Copper
Wire gauge	: 24 AWG
Outer jacket	: LSZH
Bandwidth	: 500 MHz

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m
Ivory	IB1052	IB1000	IB1001	IB1051	IB1002	IB1003	IB1005	IB1007	IB1010	IB1015	IB1020
Grey	IB1152	IB1100	IB1101	IB1151	IB1102	IB1103	IB1105	IB1107	IB1110	IB1115	IB1120
Red		IB1200	IB1201	IB1251	IB1202	IB1203	IB1205	IB1207	IB1210		
Blue		IB1300	IB1301	IB1351	IB1302	IB1303	IB1305	IB1307	IB1310		
Green		IB1400	IB1401	IB1451	IB1402	IB1403	IB1405	IB1407	IB1410		
Yellow		IB1900	IB1901	IB1951	IB1902	IB1903	IB1905	IB1907	IB1910		
Black		IB3500	IB3501	IB3551	IB3502	IB3503	IB3505	IB3507	IB3510		

CAT6A U/UTP cross-over patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT6A
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 500 MHz
Colour number : RAL 9011

U/UTP cross-over

Colour	0.5m	1m	1.5m	2m	3m	5m
Cable Tule	IB6200	IB6201	IB6251	IB6202	IB6203	IB6205

CAT6A S/FTP patch cables

CAT6A S/FTP patch cable snagless

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : S/FTP
Category : CAT6A
Conductor material : Copper
Wire gauge : 26 AWG
Outer jacket : PVC
Bandwidth : 500 MHz

S/FTP snagless

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	25m	30m
Ivory	FB6052	FB6000	FB6001	FB6051	FB6002	FB6003	FB6005	FB6007	FB6010	FB6015	FB6020	FB6025	FB6030
Grey	FB3052	FB3000	FB3001	FB3051	FB3002	FB3003	FB3005	FB3007	FB3010	FB3015	FB3020	FB3025	FB3030
Red		FB6500	FB6501	FB6551	FB6502	FB6503	FB6505	FB6507	FB6510	FB6515	FB6520	FB6525	FB6530
Blue		FB6600	FB6601	FB6651	FB6602	FB6603	FB6605	FB6607	FB6610	FB6615	FB6620	FB6625	FB6630
Green		FB6700	FB6701	FB6751	FB6702	FB6703	FB6705	FB6707	FB6710	FB6715	FB6720	FB6725	FB6730
Yellow		FB6800	FB6801	FB6851	FB6802	FB6803	FB6805	FB6807	FB6810	FB6815	FB6820	FB6825	FB6830
Black		FB6900	FB6901	FB6951	FB6902	FB6903	FB6905	FB6907	FB6910	FB6915	FB6920	FB6925	FB6930
Orange		FB2100	FB2101	FB2151	FB2102	FB2103	FB2105	FB2107	FB2110	FB2115	FB2120	FB2125	FB2130
Brown		FB2200	FB2201	FB2251	FB2202	FB2203	FB2205	FB2207	FB2210	FB2215	FB2220	FB2225	FB2230
Purple		FB2300	FB2301	FB2351	FB2302	FB2303	FB2305	FB2307	FB2310	FB2315	FB2320	FB2325	FB2330
Pink		FB2400	FB2401	FB2451	FB2402	FB2403	FB2405	FB2407	FB2410	FB2415	FB2420	FB2425	FB2430
White		FB6400	FB6401	FB6451	FB6402	FB6403	FB6405	FB6407	FB6410	FB6415	FB6420	FB6425	FB6430

CAT6A S/FTP LSZH patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : S/FTP
Category : CAT6A
Conductor material : Copper
Wire gauge : 26 AWG
Outer jacket : LSZH
Bandwidth : 500 MHz

S/FTP LSZH

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	25m	30m
Ivory	IB3652	IB3600	IB3601	IB3651	IB3602	IB3603	IB3605	IB3607	IB3610	IB3615	IB3620	IB3625	IB3630
Grey	IB4052	IB4000	IB4001	IB4051	IB4002	IB4003	IB4005	IB4007	IB4010	IB4015	IB4020	IB4025	IB4030
Red		IB5000	IB5001	IB5051	IB5002	IB5003	IB5005	IB5007	IB5010				
Blue		IB5300	IB5301	IB5351	IB5302	IB5303	IB5305	IB5307	IB5310				
Green		IB7400	IB7401	IB7451	IB7402	IB7403	IB7405	IB7407	IB7410				
Yellow		IB9100	IB9101	IB9151	IB9102	IB9103	IB9105	IB9107	IB9110				
Black		IB9200	IB9201	IB9251	IB9202	IB9203	IB9205	IB9207	IB9210				

CAT6A S/FTP LSZH patch cable snagless

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : S/FTP
Category : CAT6A
Conductor material : Copper
Wire gauge : 26 AWG
Outer jacket : LSZH
Bandwidth : 500 MHz

S/FTP LSZH snagless

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	30m
Ivory	FB7452	FB7400	FB7401	FB7451	FB7402	FB7403	FB7405	FB7407	FB7410	FB7415	FB7420	FB7430
Grey	FB7052	FB7000	FB7001	FB7051	FB7002	FB7003	FB7005	FB7007	FB7010	FB7015	FB7020	FB7030
Red		FB7500	FB7501	FB7551	FB7502	FB7503	FB7505	FB7507	FB7510	FB7515	FB7520	FB7530
Blue		FB7600	FB7601	FB7651	FB7602	FB7603	FB7605	FB7607	FB7610	FB7615	FB7620	FB7630
Green		FB7700	FB7701	FB7751	FB7702	FB7703	FB7705	FB7707	FB7710	FB7715	FB7720	FB7730
Yellow		FB7800	FB7801	FB7851	FB7802	FB7803	FB7805	FB7807	FB7810	FB7815	FB7820	FB7830
Black		FB7900	FB7901	FB7951	FB7902	FB7903	FB7905	FB7907	FB7910	FB7915	FB7920	FB7930
Orange		FB7100	FB7101	FB7151	FB7102	FB7103	FB7105	FB7107	FB7110	FB7115	FB7120	FB7130
Purple		FB8700	FB8701	FB8751	FB8702	FB8703	FB8705	FB8707	FB8710	FB8715	FB8720	FB8730
Pink		FB8800	FB8801	FB8851	FB8802	FB8803	FB8805	FB8807	FB8810	FB8815	FB8820	FB8830
White		FB7300	FB7301	FB7351	FB7302	FB7303	FB7305	FB7307	FB7310	FB7315	FB7320	FB7330

CAT6

Category 6, ISO Class E with a bandwidth of 250 MHz, can be used for 100 Mbps and 1000 Mbps ethernet networks, up to a maximum length of 100 meters. 10 Gigabit ethernet can be used for a maximum length of 55 meters. Because of alien crosstalk, the maximum length is only 37 meters when the cables are bundled. Besides ethernet, these cables are also suitable for many other protocols, such as analog telephony, PoE, ISDN, ATM, Token Ring and RS-232 up to a distance of 100 meters.

250MHz · KOPEREN GELEIDERS · 50µ GOUD · PoE · 100% GETEST · 5 JAAR GARANTIE

ACT slimline patch cables

More space and easier cable management
Slimline patch cables save valuable space in your data centre or server room due to the more than 40% smaller diameter. Especially when bundling multiple cables, this saves volume, together with the extra flexibility it greatly simplifies cable management.

CAT6 U/UTP patch cables

CAT6 U/UTP LSZH datacenter slimline patch cable

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: LSZH
Bandwidth	: 250 MHz

U/UTP LSZH slimline

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m
Grey	DC9052	DC9000	DC9001	DC9051	DC9002	DC9003	DC9005
Red	DC9552	DC9500	DC9501	DC9551	DC9502	DC9503	DC9505
Blue	DC9652	DC9600	DC9601	DC9651	DC9602	DC9603	DC9605
Green	DC9752	DC9700	DC9701	DC9751	DC9702	DC9703	DC9705
Yellow	DC9852	DC9800	DC9801	DC9851	DC9802	DC9803	DC9805
Black	DC9952	DC9900	DC9901	DC9951	DC9902	DC9903	DC9905

CAT6 U/UTP patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT6
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 250 MHz

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	30m
Ivory	IB8452	IB8400	IB8401	IB8451	IB8402	IB8403	IB8405	IB8407	IB8410	IB8415	IB8420	IB8430
Grey	IB8052	IB8000	IB8001	IB8051	IB8002	IB8003	IB8005	IB8007	IB8010	IB8015	IB8020	IB8030
Red	IB8552	IB8500	IB8501	IB8551	IB8502	IB8503	IB8505	IB8507	IB8510	IB8515	IB8520	
Blue	IB8652	IB8600	IB8601	IB8651	IB8602	IB8603	IB8605	IB8607	IB8610	IB8615	IB8620	
Green	IB8752	IB8700	IB8701	IB8751	IB8702	IB8703	IB8705	IB8707	IB8710	IB8715	IB8720	
Yellow	IB8852	IB8800	IB8801	IB8851	IB8802	IB8803	IB8805	IB8807	IB8810	IB8815	IB8820	
Black	IB8952	IB8900	IB8901	IB8951	IB8902	IB8903	IB8905	IB8907	IB8910	IB8915	IB8920	
Orange		IB1500	IB1501	IB1551	IB1502	IB1503	IB1505	IB1507	IB1510	IB1515	IB1520	
Brown		IB1600	IB1601	IB1651	IB1602	IB1603	IB1605	IB1607	IB1610	IB1615	IB1620	
Purple		IB1700	IB1701	IB1751	IB1702	IB1703	IB1705	IB1707	IB1710	IB1715	IB1720	
Pink		IB1800	IB1801	IB1851	IB1802	IB1803	IB1805	IB1807	IB1810	IB1815	IB1820	
White		IB9400	IB9401	IB9451	IB9402	IB9403	IB9405	IB9407	IB9410	IB9415	IB9420	

CAT6 U/UTP patch cable snagless

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT6
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 250 MHz

Colour	0.25m	0.5m	1m	1.5m	2m	2.5m	3m	4m	5m	7m	10m	15m	20m	30m
Ivory	IS8452	IS8400	IS8401	IS8451	IS8402		IS8403		IS8405	IS8407	IS8410	IS8415	IS8420	IS8430
Grey	IS8052	IS8000	IS8001	IS8051	IS8002	IS8053	IS8003	IS8004	IS8005	IS8007	IS8010	IS8015	IS8020	IS8030
Red	IS8552	IS8500	IS8501	IS8551	IS8502		IS8503		IS8505	IS8507	IS8510	IS8515	IS8520	
Blue	IS8652	IS8600	IS8601	IS8651	IS8602		IS8603		IS8605	IS8607	IS8610	IS8615	IS8620	
Green	IS8752	IS8700	IS8701	IS8751	IS8702		IS8703		IS8705	IS8707	IS8710	IS8715	IS8720	
Yellow	IS8852	IS8800	IS8801	IS8851	IS8802		IS8803		IS8805	IS8807	IS8810	IS8815	IS8820	
Black	IS8952	IS8900	IS8901	IS8951	IS8902		IS8903		IS8905	IS8907	IS8910	IS8915	IS8920	
Orange		IS1500	IS1501	IS1551	IS1502		IS1503		IS1505	IS1507	IS1510	IS1515	IS1520	
Brown		IS1600	IS1601	IS1651	IS1602		IS1603		IS1605	IS1607	IS1610	IS1615	IS1620	
Purple		IS1700	IS1701	IS1751	IS1702		IS1703		IS1705	IS1707	IS1710	IS1715	IS1720	
Pink		IS1800	IS1801	IS1851	IS1802		IS1803		IS1805	IS1807	IS1810	IS1815	IS1820	

CAT6 U/UTP LSZH patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT6
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : LSZH
Bandwidth : 250 MHz

U/UTP LSZH

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m
Grey	IB9000	IB9001	IB9051	IB9002	IB9003	IB9005	IB9007	IB9010
Red	IB9500	IB9501	IB9551	IB9502	IB9503	IB9505	IB9507	IB9510
Blue	IB9600	IB9601	IB9651	IB9602	IB9603	IB9605	IB9607	IB9610
Green	IB9700	IB9701	IB9751	IB9702	IB9703	IB9705	IB9707	IB9710
Yellow	IB9800	IB9801	IB9851	IB9802	IB9803	IB9805	IB9807	IB9810
Black	IB9900	IB9901	IB9951	IB9902	IB9903	IB9905	IB9907	IB9910

CAT6 U/UTP cross-over patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT6
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 250 MHz

U/UTP cross-over

Colour		0.5m	1m	1.5m	2m	3m	10m
Cable	Tule	IB8100	IB8101	IB8151	IB8102	IB8103	IB8110

ACT component level patch cables

Flexibility in a network is achieved through the use of consolidation points. Consolidation points also add extra transition to your cabling. This can affect the reliability of your network. By using component level patch cables, the reliability of your network is guaranteed. The component level patch cables run from the outlet to your PC or other active devices, such as an access point or phone.

ACT provides consolidation points in CAT5E to CAT6A.
Did you know that an extra transition/cable in the network also adds two extra connectors (each cable has two connectors)?
This results in an additional connector transition in the horizontal cabling: the so-called 4-connector model.

Component level cables distinguish from channel level patch cables due to a significant better performance in crosstalk, insertion loss and return loss.

CAT6 U/UTP component level

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT6
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 250 MHz

U/UTP component level

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m
Ivory	IK8400	IK8401	IK8451	IK8402	IK8403	IK8405	IK8407	IK8410
Red	IK8500	IK8501	IK8551	IK8502	IK8503	IK8505	IK8507	IK8510
Blue	IK8600	IK8601	IK8651	IK8602	IK8603	IK8605	IK8607	IK8610
Green	IK8700	IK8701	IK8751	IK8702	IK8703	IK8705	IK8707	IK8710
Yellow	IK8800	IK8801	IK8851	IK8802	IK8803	IK8805	IK8807	IK8810
Black	IK8900	IK8901	IK8951	IK8902	IK8903	IK8905	IK8907	IK8910

ACT high quality patch cables

ACT:
ACT high quality patch cables comply with international quality standards, are supplied with 50µ gold-plated connectors and always have full copper wires. Cables with copper wires are suitable for networking with PoE applications due to their low resistance. The cables are also suitable for corporate networks where quality and reliability are paramount.

Ewent attractively priced patch cables

Ewent:
Ewent patch cables have a good price/quality ratio. By using Copper Clad Aluminium (CCA), where the AWG26 wiring is made of aluminium and the surface of copper and the connectors are equipped with 3µ flash-gold connectors it is possible to offer a competitive price for CAT5E and CAT6 patch cables.

CAT6 U/UTP CCA PVC AWG26 3u flashgold

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: CCA
Wire gauge	: 26 AWG
Outer jacket	: PVC
Bandwidth	: 250 MHz

U/UTP CCA PVC AWG26 3U

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m
Grey	IM8000	IM8001	IM8051	IM8002	IM8003	IM8005	IM8007	IM8010
Red	IM8500	IM8501	IM8551	IM8502	IM8503	IM8505	IM8507	IM8510
Blue	IM8600	IM8601	IM8651	IM8602	IM8603	IM8605	IM8607	IM8610
Green	IM8700	IM8701	IM8751	IM8702	IM8703	IM8705	IM8707	IM8710
Yellow	IM8800	IM8801	IM8851	IM8802	IM8803	IM8805	IM8807	IM8810
Black	IM8900	IM8901	IM8951	IM8902	IM8903	IM8905	IM8907	IM8910

Patch cables Twisted Pair - CAT6 S/FTP patch cables

CAT6 S/FTP patch cables

CAT6 S/FTP LSZH patch cable

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: S/FTP
Category	: CAT6
Conductor material	: Copper
Wire gauge	: 26 AWG
Outer jacket	: LSZH
Bandwidth	: 250 MHz

S/FTP LSZH

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	25m	30m
Grey	FB9052	FB9000	FB9001	FB9051	FB9002	FB9003	FB9005	FB9007	FB9010	FB9015	FB9020	FB9025	FB9030
Red		FB9500	FB9501	FB9551	FB9502	FB9503	FB9505	FB9507	FB9510	FB9515	FB9520	FB9525	FB9530
Blue		FB9600	FB9601	FB9651	FB9602	FB9603	FB9605	FB9607	FB9610	FB9615	FB9620	FB9625	FB9630
Green		FB9700	FB9701	FB9751	FB9702	FB9703	FB9705	FB9707	FB9710	FB9715	FB9720	FB9725	FB9730
Yellow		FB9800	FB9801	FB9851	FB9802	FB9803	FB9805	FB9807	FB9810	FB9815	FB9820	FB9825	FB9830
Black		FB9900	FB9901	FB9951	FB9902	FB9903	FB9905	FB9907	FB9910	FB9915	FB9920	FB9925	FB9930

CAT5E

Category 5E, ISO Class D supports Gigabit networks; this cable category can be used for 100 Mbps and 1000 Mbps ethernet networks. Besides ethernet, these cables are also suitable for many other protocols, such as analog telephony, PoE, ISDN, ATM, Token Ring and RS-232 to a distance up to 100 meters.

CAT5E U/UTP patch cables

CAT5E U/UTP patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 100 MHz

Colour	0.25m	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m	25m	30m
Ivory	IB6452	IB6400	IB6401	IB6451	IB6402	IB6403	IB6405	IB6407	IB6410	IB6415	IB6420	IB6425	IB6430
Grey	IB6052	IB6000	IB6001	IB6051	IB6002	IB6003	IB6005	IB6007	IB6010	IB6015	IB6020	IB6025	IB6030
Red		IB5500	IB5501	IB5551	IB5502	IB5503	IB5505	IB5507	IB5510	IB5515	IB5520		
Blue		IB5600	IB5601	IB5651	IB5602	IB5603	IB5605	IB5607	IB5610	IB5615	IB5620		
Green		IB5700	IB5701	IB5751	IB5702	IB5703	IB5705	IB5707	IB5710	IB5715	IB5720		
Yellow		IB5800	IB5801	IB5851	IB5802	IB5803	IB5805	IB5807	IB5810	IB5815	IB5820		
Black		IB5900	IB5901	IB5951	IB5902	IB5903	IB5905	IB5907	IB5910	IB5915	IB5920		
Orange		IB4500	IB4501	IB4551	IB4502	IB4503	IB4505	IB4507	IB4510	IB4515	IB4520		
Brown		IB4600	IB4601	IB4651	IB4602	IB4603	IB4605	IB4607	IB4610	IB4615	IB4620		
Purple		IB4700	IB4701	IB4751	IB4702	IB4703	IB4705	IB4707	IB4710	IB4715	IB4720		
Pink		IB4800	IB4801	IB4851	IB4802	IB4803	IB4805	IB4807	IB4810	IB4815	IB4820		
White		IB5400	IB5401	IB5451	IB5402	IB5403	IB5405	IB5407	IB5410	IB5415	IB5420		

CAT5E U/UTP LSZH patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 100 MHz

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m
Grey	IB2000	IB2001	IB2051	IB2002	IB2003	IB2005	IB2007	IB2010	IB2015	IB2020

ACT component level patch cables

Flexibility in a network is achieved through the use of consolidation points. Consolidation points also add extra transition to your cabling. This can affect the reliability of your network. By using component level patch cables, the reliability of your network is guaranteed. The component level patch cables run from the outlet to your PC or other active devices, such as an access point or phone.

ACT provides consolidation points in CAT5E to CAT6A.
Did you know that an extra transition/cable in the network also adds two extra connectors (each cable has two connectors)?
This results in an additional connector transition in the horizontal cabling: the so-called 4-connector model.

Component level cables distinguish from channel level patch cables due to a significant better performance in crosstalk, insertion loss and return loss.

CAT5E U/UTP component level patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 100 MHz

U/UTP component level

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m
Ivory	IK5400	IK5401	IK5451	IK5402	IK5403	IK5405	IK5407	IK5410
Red	IK5500	IK5501	IK5551	IK5502	IK5503	IK5505	IK5507	IK5510
Blue	IK5600	IK5601	IK5651	IK5602	IK5603	IK5605	IK5607	IK5610
Green	IK5700	IK5701	IK5751	IK5702	IK5703	IK5705	IK5707	IK5710
Yellow	IK5800	IK5801	IK5851	IK5802	IK5803	IK5805	IK5807	IK5810
Black	IK5900	IK5901	IK5951	IK5902	IK5903	IK5905	IK5907	IK5910

CAT5E U/UTP cross-over patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : U/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 24 AWG
Outer jacket : PVC
Bandwidth : 100 MHz

U/UTP cross-over

Colour	0.5m	1m	1.5m	2m	3m	5m	10m
Black	IB6100	IB6101	IB6151	IB6102	IB6103	IB6105	IB6110

ACT high quality patch cables

ACT:
ACT high quality patch cables comply with international quality standards, are supplied with 50µ gold-plated connectors and always have full copper wires. Cables with copper wires are suitable for networking with PoE applications due to their low resistance. The cables are also suitable for corporate networks where quality and reliability are paramount.

Ewent attractively priced patch cables

Ewent:
Ewent patch cables have a good price/quality ratio. By using Copper Clad Aluminium (CCA), where the AWG26 wiring is made of aluminium and the surface of copper and the connectors are equipped with 3µ flash-gold connectors it is possible to offer a competitive price for CAT5E and CAT6 patch cables.

CAT5E U/UTP CCA PVC AWG26

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: U/UTP
Category	: CAT5E
Conductor material	: CCA
Wire gauge	: 26 AWG
Outer jacket	: PVC
Bandwidth	: 100 MHz

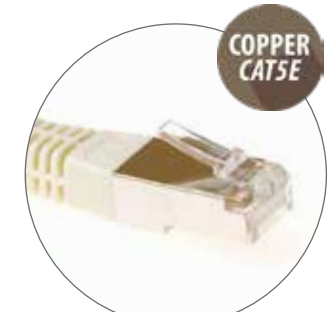
U/UTP CCA PVC AWG26

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m
Grey	IM6000	IM6001	IM6051	IM6002	IM6003	IM6005	IM6007	IM6010
Red	IM5500	IM5501	IM5551	IM5502	IM5503	IM5505	IM5507	IM5510
Blue	IM5600	IM5601	IM5651	IM5602	IM5603	IM5605	IM5607	IM5610
Green	IM5700	IM5701	IM5751	IM5702	IM5703	IM5705	IM5707	IM5710
Yellow	IM5800	IM5801	IM5851	IM5802	IM5803	IM5805	IM5807	IM5810
Black	IM5900	IM5901	IM5951	IM5902	IM5903	IM5905	IM5907	IM5910

CAT5E F/UTP patch cables

CAT5E F/UTP patch cable

Connector A	: RJ45 male
Connector B	: RJ45 male
Contact plating	: Gold plated
Shielding type	: F/UTP
Category	: CAT5E
Conductor material	: Copper
Wire gauge	: 26 AWG
Outer jacket	: PVC
Bandwidth	: 100 MHz



F/UTP

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m
Ivory	IB7200	IB7201	IB7251	IB7202	IB7203	IB7205	IB7207	IB7210	IB7215	IB7220
Grey	IB7100	IB7101	IB7151	IB7102	IB7103	IB7105	IB7107	IB7110	IB7115	IB7120

CAT5E F/UTP LSZH patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : F/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 26 AWG
Outer jacket : LSZH
Bandwidth : 100 MHz

F/UTP LSZH

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m
Grey	FB2000	FB2001	FB2051	FB2002	FB2003	FB2005	FB2007	FB2010	FB2015	FB2020
Red	IB7500	IB7501	IB7551	IB7502	IB7503	IB7505	IB7507	IB7510	IB7515	IB7520
Blue	IB7600	IB7601	IB7651	IB7602	IB7603	IB7605	IB7607	IB7610	IB7615	IB7620
Green	IB7700	IB7701	IB7751	IB7702	IB7703	IB7705	IB7707	IB7710	IB7715	IB7720
Yellow	IB7800	IB7801	IB7851	IB7802	IB7803	IB7805	IB7807	IB7810	IB7815	IB7820
Black	IB7900	IB7901	IB7951	IB7902	IB7903	IB7905	IB7907	IB7910	IB7915	IB7920

CAT5E F/UTP LSZH cross-over patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : F/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 26 AWG
Outer jacket : LSZH
Bandwidth : 100 MHz

F/UTP LSZH cross-over

Colour		0.5m	1m	1.5m	2m	3m	5m	10m
Cable	Tule	IB5100	IB5101	IB5151	IB5102	IB5103	IB5105	IB5110

Patch cables Twisted Pair - CAT5E SF/UTP patch cables

CAT5E SF/UTP patch cables

CAT5E SF/UTP patch cable

Connector A : RJ45 male
Connector B : RJ45 male
Contact plating : Gold plated
Shielding type : SF/UTP
Category : CAT5E
Conductor material : Copper
Wire gauge : 26 AWG
Outer jacket : PVC
Bandwidth : 100 MHz
Colour number : RAL 1015

SF/UTP

Colour	0.5m	1m	1.5m	2m	3m	5m	7m	10m	15m	20m
Ivory	IB7000	IB7001	IB7051	IB7002	IB7003	IB7005	IB7007	IB7010	IB7015	IB7020

HDMI

Everything you need to know about HDMI

HDMI cable standards
HDMI cables are supplied with one of the five standards listed below:

HDMI standard
Standard cable with support up to 1080i/60

HDMI standard with Ethernet
Standard cable with Ethernet

HDMI High Speed
Supports up to 4K, including Deep Color and all 3D formats of the 1.4 and 2.0 specification

HDMI High Speed with Ethernet
High speed cable with Ethernet

HDMI Ultra High Speed with Ethernet
High speed cable with Ethernet

HDMI 2.1 is the name of the latest HDMI version. Compared to the previous version (HDMI 2.0), HDMI 2.1 offers a number of advantages:

HDMI 2.0 vs HDMI 2.1		
	HDMI 2.0	**HDMI 2.1**
Bandwidth	18 Gbps (high speed HDMI kabel)	48 Gbps (ultra high speed HDMI kabel)
Maximum resolution	4K (4096×2160) @ 60 Hz (4:4:4)	4K (4096×2160) @ 120 Hz(4:4:4)
		8K (7680×4320) @ 60Hz (4:4:4)
		8K (7680×4320) @ 120Hz (4:2:0)
		10K @ 120Hz
Max color depth	48 bits (in 4K)	48 bits (in 8K+)
HDR	Statisch	Dynamisch
Game Mode VRR	Nee	Ja
Object-Based Audio (eARC)	Nee	Ja

The attached diagram shows the differences in the up to now released HDMI versions:

HDMI version	1	1.1	1.2-1.2a	1.3-1.3a	1.4-1.4a	2.0-2.0b	2.1
Full HD Blu-ray Disc and HD DVD video	✓	✓	✓	✓	✓	✓	✓
Consumer Electronic Control (CEC)	✓	✓	✓	✓	✓	✓	✓
DVD-Audio	x	✓	✓	✓	✓	✓	✓
Super Audio CD (DSD)	x	x	✓	✓	✓	✓	✓
Dolby TrueHD/DTS-HD Master Audio bitstream capable	x	x	x	✓	✓	✓	✓
Updated list of CEC commands	x	x	x	✓	✓	✓	✓
3D video	x	x	x	✓	✓	✓	✓
Ethernet Channel (100Mbit/s)	x	x	x	x	✓	✓	✓
Audio return chanel	x	x	x	x	✓	✓	✓
4 audio streams	x	x	x	x	✓	✓	✓
2 video streams (Dual Vieuw)	x	x	x	x	x	✓	✓
Hybrid Log-Gamma (HLG) HDR OETF	x	x	x	x	x	✓	✓
Static HDR (HDR static metadata)	x	x	x	x	x	✓	✓
Dynamic HDR (HDR dynamic metadata)	x	x	x	x	x	✓	✓
Enhanced audio return channel (eARC)	x	x	x	x	x	x	✓
Variable Refresh Rate (VRR)	x	x	x	x	x	x	✓
Quick Media Switching (QMS)	x	x	x	x	x	x	✓
Quick Frame Transport (QFT)	x	x	x	x	x	x	✓
Auto Low Latency Mode (ALLM)	x	x	x	x	x	x	✓
Display stream Compression (DSC)	x	x	x	x	x	x	✓

Audio/Video cables

HDMI cables

HDMI High Speed with Ethernet premium certified cable

- HDMI Premium certified by HDMI.org
- Support 4K at 60Hz; Bandwidth 18 Gb/s
- Gold plated connectors with internal CAN Shielding
- Full Oxigen Free copper (OFC) conductors (AWG 30)
- Cables are 100% tested.

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 30 AWG
Outer jacket	: PVC
Outer diameter	: 6.00 mm
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Chroma sampling	: 4:4:4
Total bandwidth	: 18 Gb/s
HDMI certified	: Yes
HDMI standard	: HDMI High Speed with Ethernet
HDMI compatibility	: HDMI 2.0b
Video support	: ARC, CEC, EDID, HDCP

Type no.	Manufacturer no.	Description
AK3941	AK3941	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 0.50 m
AK3942	AK3942	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 1.00 m
AK3943	AK3943	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 1.50 m
AK3944	AK3944	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 2.00 m
AK3945	AK3945	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 3.00 m

HDMI High Speed with Ethernet premium certified cable

- HDMI Premium certified by HDMI.org
- Support 4K at 60Hz; Bandwidth 18 Gb/s
- Gold plated connectors with internal CAN Shielding
- Full Oxigen Free copper (OFC) conductors (AWG 26)
- Cables are 100% tested.

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 26 AWG
Outer jacket	: PVC
Outer diameter	: 8.00 mm
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Chroma sampling	: 4:4:4
Total bandwidth	: 18 Gb/s
HDMI certified	: Yes
HDMI standard	: HDMI High Speed with Ethernet
HDMI compatibility	: HDMI 2.0b
Video support	: ARC, CEC, EDID, HDCP

Type no.	Manufacturer no.	Description
AK3946	AK3946	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 5.00 m

HDMI High Speed with Ethernet premium certified cable

- HDMI Premium certified by HDMI.org
- Support 4K at 60Hz; Bandwidth 18 Gb/s
- Gold plated connectors with internal CAN Shielding
- Full Oxigen Free copper (OFC) conductors (AWG 24)
- Cables are 100% tested.

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 24 AWG
Outer jacket	: PVC
Outer diameter	: 9.00 mm
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Chroma sampling	: 4:4:4
Total bandwidth	: 18 Gb/s
HDMI certified	: Yes
HDMI standard	: HDMI High Speed with Ethernet
HDMI compatibility	: HDMI 2.0b
Video support	: ARC, CEC, EDID, HDCP

Type no.	Manufacturer no.	Description
AK3947	AK3947	HDMI High Speed Ethernet premium certified cable HDMI-A male - HDMI-A male 6.10 m

HDMI High Speed with ethernet connection cable HDMI-A male - HDMI-A male

- For resolutions up to 4K@60Hz
- HDR support

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 30 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Chroma sampling	: 4:2:0
Total bandwidth	: 18 Gb/s
HDMI standard	: HDMI High Speed with Ethernet
HDMI compatibility	: HDMI 2.0
Video support	: CEC, DCC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3900	AK3900	High Speed Ethernet cable HDMI-A male - male 0.50 m
AK3901	AK3901	High Speed Ethernet cable HDMI-A male - male 1.00 m
AK3902	AK3902	High Speed Ethernet cable HDMI-A male - male 2.00 m
AK3903	AK3903	High Speed Ethernet cable HDMI-A male - male 3.00 m
AK3904	AK3904	High Speed Ethernet cable HDMI-A male - male 5.00 m
AK3905	AK3905	High Speed Ethernet cable HDMI-A male - male 7.00 m

HDMI High Speed with Ethernet connection cable CCS HDMI-A male - HDMI-A male

- Supports 1080P/3D/4K*2K@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Conductors	: Gold plated
Shielding type	: Aluminum Mylar
Conductor material	: CCS
Wire gauge	: 30 AWG
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
HDMI standard	: HDMI High Speed with Ethernet

Type no.	Manufacturer no.	Description
EC3901	EC3901	Length: 1.00 m
EC3902	EC3902	Length: 2.00 m
EC3903	EC3903	Length: 3.00 m

HDMI High Speed connection cable HDMI-A male - HDMI-A male, High Quality

- For resolutions up to 4K@60Hz
- RF block shielding hoods.
- Tripple shielded to prevent distorsion

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Quality	: High Quality
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
HDMI standard	: HDMI High Speed
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3749	AK3749	HDMI High Speed HDMI-A male - HDMI-A male, High Quality 0,50 m
AK3755	AK3755	HDMI High Speed HDMI-A male - HDMI-A male, High Quality 1.00 m
AK3750	AK3750	HDMI High Speed HDMI-A male - HDMI-A male, High Quality 2,00 m
AK3751	AK3751	HDMI High Speed HDMI-A male - HDMI-A male, High Quality 3,00 m
AK3752	AK3752	HDMI High Speed HDMI-A male - HDMI-A male, High Quality 5,00 m

HDMI High Speed connection cable HDMI-A male - HDMI-A male,

- For resolutions up to 4K@30Hz and 1080p@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
HDMI standard	: HDMI High Speed
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3906	AK3906	High Speed Ethernet cable HDMI-A male - male 10.00 m

HDMI High Speed cable, one side angled

- For resolutions up to 4K@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI-A male angled
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 30 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Chroma sampling	: 4:4:4
HDMI standard	: HDMI High Speed
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3675	AK3675	HDMI High Speed cable one side angled HDMI-A male/male 0,50 m
AK3676	AK3676	HDMI High Speed cable one side angled HDMI-A male/male 1,00 m
AK3678	AK3678	HDMI High Speed cable one side angled HDMI-A male/male 2,00 m
AK3679	AK3679	HDMI High Speed cable one side angled HDMI-A male/male 3,00 m

HDMI Standard Speed SLAC connection cable HDMI-A male - HDMI-A male

- For resolutions up to 4K@30Hz and 1080p@60Hz
- 3 times shielded cable (Super Low Attenuation Cable) for the highest video quality over long distances
- Gold Plated Connectors.
- Molded RF block shielded hoods

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Metal
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
HDMI standard	: HDMI Standard Speed
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3753	AK3753	HDMI Super Low Attenuation HDMI-A male - HDMI-A male 7,50 m
AK3754	AK3754	HDMI Super Low Attenuation HDMI-A male - HDMI-A male 10,00 m
AK3756	AK3756	HDMI Super Low Attenuation HDMI-A male - HDMI-A male 15,00 m

HDMI High Speed connection cable HDMI-A male - HDMI-A male, Standard Quality

- For resolutions up to 4K@30Hz and 1080p@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Quality	: Standard Quality
Wire gauge	: 30 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
Chroma sampling	: 4:4:4
Total bandwidth	: 18 Gb/s
HDMI standard	: HDMI High Speed
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3789	AK3789	HDMI High Speed HDMI-A male - HDMI-A male, SQ 0,50 m
AK3790	AK3790	HDMI High Speed HDMI-A male - HDMI-A male, SQ 1,00 m
AK3791	AK3791	HDMI High Speed HDMI-A male - HDMI-A male, SQ 1,50 m
AK3792	AK3792	HDMI High Speed HDMI-A male - HDMI-A male, SQ 2,00 m
AK3793	AK3793	HDMI High Speed HDMI-A male - HDMI-A male, SQ 3,00 m

HDMI High Speed with Ethernet cable HDMI-A male - HDMI-A male

- For resolutions up to 4K@30Hz and 1080p@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 30 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
Chroma sampling	: 4:2:0
HDMI standard	: HDMI High Speed with Ethernet
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3813	AK3813	HDMI High Speed +Ethernet HDMI-A male - HDMI-A male 0.50 m
AK3814	AK3814	HDMI High Speed +Ethernet HDMI-A male - HDMI-A male 1.00 m
AK3815	AK3815	HDMI High Speed +Ethernet HDMI-A male - HDMI-A male 1.50 m
AK3816	AK3816	HDMI High Speed +Ethernet HDMI-A male - HDMI-A male 2.00 m
AK3817	AK3817	HDMI High Speed +Ethernet HDMI-A male - HDMI-A male 3.00 m
AK3818	AK3818	HDMI High Speed +Ethernet HDMI-A male - HDMI-A male 5.00 m

HDMI High Speed connection cable HDMI-A male- HDMI-C (Mini HDMI) male

- For resolutions up to 4K@30Hz and 1080p@60Hz
- Gold plated RF block shielding hood

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI C (mini) male (x1)
Hoods	: Molded plastic
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
HDMI standard	: HDMI High Speed
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3757	AK3757	HDMI High Speed HDMI-A male- HDMI-C male 2,00 m

HDMI High Speed with Ethernet slimline connection cable HDMI-A male - HDMI-C (Mini HDMI) male

- For resolutions up to 4K@30Hz and 1080p@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI C (mini) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 34 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
HDMI standard	: HDMI High Speed with Ethernet
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3670	AK3670	HDMI High Speed + Ethernet HDMI-A male- HDMI-C male 0,50 m
AK3671	AK3671	HDMI High Speed + Ethernet HDMI-A male- HDMI-C male 1,00 m
AK3673	AK3673	HDMI High Speed + Ethernet HDMI-A male- HDMI-C male 2,00 m

HDMI High Speed with Ethernet connection cable HDMI-A male - HDMI-D (Micro HDMI) male

- For resolutions up to 4K@60Hz

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI D (micro) male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 34 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
HDMI standard	: HDMI High Speed with Ethernet
Video support	: CEC, DDC, Hot plug

Type no.	Manufacturer no.	Description
AK3797	AK3797	HDMI High Speed + Ethernet HDMI-A male- HDMI-D male 1,50 m
AK3798	AK3798	HDMI High Speed + Ethernet HDMI-A male- HDMI-D male 2,00 m

HDMI gender changer adapter female - female HQ

- RF-Block shielded hood.

Technical specifications

Connector A	: HDMI A (full-size) female (x1)
Connector B	: HDMI A (full-size) female (x1)
Adapter design	: Axial

Type no.	Manufacturer no.	Description
AB3768	AB3768	Gender: HDMI-A F-HDMI-A F

HDMI gender changer adapter female - female SQ

- Internal foil shielding.

Technical specifications

Connector A	: HDMI A (full-size) female (x1)
Connector B	: HDMI A (full-size) female (x1)
Adapter design	: Axial

Type no.	Manufacturer no.	Description
AP1005	AP1005	Gender: HDMI-A F-HDMI-A F

HDMI Adapter male - female flexible

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) female (x1)
Adapter design	: Flexible

Type no.	Manufacturer no.	Description
AB3769	AB3769	Flexible HDMI adapter m/f

HDMI Adapter female - female flexible

Technical specifications

Connector A	: HDMI A (full-size) female (x1)
Connector B	: HDMI A (full-size) female (x1)
Adapter design	: Flexible

Type no.	Manufacturer no.	Description
AB3770	AB3770	Flexible HDMI adapter f/f

HDMI adapter male - female down

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) female (x1)
Adapter design	: Angled

Type no.	Manufacturer no.	Description
AB3771	AB3771	HDMI adapter down angled, male - female

HDMI power injector

The MG-AOC-66P is a USB Powered HDMI Voltage Injector that is the ideal solution for a HDMI source device, such as active optical cables that do not provide enough power through the HDMI output for use with HDMI extensions, switches and splitters/DA's. The MG-AOC-66P provides 5 volts up to 400mA of power to an HDMI powered device.

- Resolves issues caused by insufficient power from HDMI sources
- Supports HDMI 2.0
- Low profile design

Technical specifications

Connector A	: USB A male (x1)
Connector B	: HDMI A (full-size) male (x1)
Adapter design	: Flexible
Cable part length	: 54.00 cm
Housing material	: Plastic
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Video signal	: HDMI

Type no.	Manufacturer no.	Description
TN2200	MG-AOC-66P	HDMI power injector

Hybrid HDMI and DisplayPort cables

ACT hybrid HDMI and DisplayPort cables made of copper and fiber optic

New from ACT: hybrid DisplayPort and HDMI cables
With the ACT hybrid HDMI and DisplayPort cables, made of copper and fiber optic, you can connect different devices over long distances of up to 100 m without data loss. The latest ACT cables are very attractively priced and are available from now on.

All cables are delivered on a spool, are very smooth and easy to install.

Advantages:
- Alternative to DisplayPort and HDMI extender sets
- Minimum EMI/RFI
- Lossless: no video scaling and data compression is applied
- No external PSU required
- Plug & Play

DisplayPort hybrid cables **4K@60Hz**	
Type	Length
AK4030	10 meter
AK4031	15 meter
AK4032	20 meter
AK4033	30 meter
AK4034	40 meter
AK4035	50 meter
AK4036	60 meter
AK4037	70 meter
AK4038	80 meter
AK4039	90 meter
AK4040	100 meter

HDMI hybrid cables **4K@60Hz**	
Type	Length
AK3930	10 meter
AK3931	15 meter
AK3932	20 meter
AK3929	25 meter
AK3933	30 meter
AK3934	40 meter
AK3935	50 meter
AK3936	60 meter
AK3937	70 meter
AK3938	80 meter
AK3939	90 meter
AK3940	100 meter

HDMI hybrid cables **8K@60Hz**	
Type	Length
AK4120	10 meter
AK4121	15 meter
AK4122	20 meter
AK4123	25 meter
AK4124	30 meter
AK4125	40 meter
AK4126	50 meter
AK4127	60 meter
AK4128	70 meter
AK4129	80 meter
AK4130	90 meter
AK4131	100 meter

HDMI and DisplayPort hybrid cables

HDMI Premium 8K Hybrid fiber/copper cable HDMI-A male - HDMI-A male

- The solution for 8K@60Hz over long distances.
- 48Gbps bandwidth to handle 8K@60Hz 4:4:4/4:2:2/4:2:0 up to 100m
- Kevlar mechanical protected fiber, aluminium foiled shielding.
- Ultra slim (4.5 mm Diameter)
- Delivered on a spool, available up to 100 meters

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Metal
Outer jacket	: PVC
Outer diameter	: 4.50 mm
4K compatible	: Yes
Max. resolution @ 30Hz	: 7680 x 4320
Max. resolution @ 60Hz	: 7680 x 4320
Total bandwidth	: 48 Gb/s
HDMI compatibility	: HDMI 2.1
Video support	: CEC, DDC, HDCP

Type no.	Manufacturer no.	Description
AK4120	AK4120	HDMI Premium 8K Hybrid fiber/copper cable 10 m
AK4121	AK4121	HDMI Premium 8K Hybrid fiber/copper cable 15 m
AK4122	AK4122	HDMI Premium 8K Hybrid fiber/copper cable 20 m
AK4123	AK4123	HDMI Premium 8K Hybrid fiber/copper cable 25 m
AK4124	AK4124	HDMI Premium 8K Hybrid fiber/copper cable 30 m
AK4125	AK4125	HDMI Premium 8K Hybrid fiber/copper cable 40 m
AK4126	AK4126	HDMI Premium 8K Hybrid fiber/copper cable 50 m
AK4127	AK4127	HDMI Premium 8K Hybrid fiber/copper cable 60 m
AK4128	AK4128	HDMI Premium 8K Hybrid fiber/copper cable 70 m
AK4129	AK4129	HDMI Premium 8K Hybrid fiber/copper cable 80 m
AK4130	AK4130	HDMI Premium 8K Hybrid fiber/copper cable 90 m
AK4131	AK4131	HDMI Premium 8K Hybrid fiber/copper cable 100 m

HDMI Premium 4K Hybrid fiber/copper cable HDMI-A male - HDMI-A male

- Kevlar mechanical protected fiber
- Aluminium foiled shielding
- Available up to 100 meters
- Delivered on a spool.
- The solution for 4K@60Hz over long distances.
- 18Gbps bandwidth to handle 4K@60Hz 4:4:4/4:2:2/4:2:0 up to 100M
- Supports HDCP 2.2, ARC, CEC, EDID, 3D
- Ultra slim (4.6 mm diameter)

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Metal
Conductor Material	: Copper, Fiber
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Total bandwidth	: 18 Gb/s
Video support	: CEC, DCC, HDCP 2.2, Hot plug

Type no.	Manufacturer no.	Description
AK3930	AK3930	HDMI hybrid cable 10 m.
AK3931	AK3931	HDMI hybrid cable 15 m.
AK3929	AK3929	HDMI hybrid cable 25 m.
AK3932	AK3932	HDMI hybrid cable 20 m.
AK3933	AK3933	HDMI hybrid cable 30 m.
AK3934	AK3934	HDMI hybrid cable 40 m.
AK3935	AK3935	HDMI hybrid cable 50 m.
AK3936	AK3936	HDMI hybrid cable 60 m.
AK3937	AK3937	HDMI hybrid cable 70 m.
AK3938	AK3938	HDMI hybrid cable 80 m.
AK3939	AK3939	HDMI hybrid cable 90 m.
AK3940	AK3940	HDMI hybrid cable 100 m.

HDMI Hybrid fiber/copper cable HDMI-A male - HDMI-A male

- The solution for 4K@60Hz over long distances.
- 18Gbps bandwidth to handle 4K@60Hz 4:4:4/4:2:2/4:2:0 up to 20M
- Supports HDCP 2.2, ARC, CEC, EDID, 3D
- Ultra slim (4.6 mm diameter)

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: HDMI A (full-size) male (x1)
Hoods	: Metal
Conductor material	: Copper, Fiber
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video support	: CEC, DCC, HDCP 2.2, Hot plug

Type no.	Manufacturer no.	Description
AK4117	AK4117	HDMI Hybrid cable 10 m
AK4118	AK4118	HDMI Hybrid cable 15 m
AK4119	AK4119	HDMI Hybrid cable 20 m

DisplayPort hybrid fiber/copper connection cable male - male

- Support: 4K@60Hz4:4:4, HDCP 1.1 and HDCP 1.3
- Compatible with DP1.2a version
- HBR (High Bit Rate) up to 5.4Gbps, total bandwith 21.6Gbps
- Multimode optical fiber + copper hybrid cable structure
- Aux and Hot plug channels are transmitted by copper line
- Plug & Play

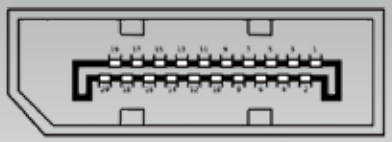
Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DisplayPort male (x1)
Hoods	: Metal
Locking	: Snap-in
DisplayPort standard	: 1.2a
Outer jacket	: PVC
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Chroma sampling	: 4:4:4
Total bandwidth	: 21,6 Gb/s
Video support	: HDCP

Type no.	Manufacturer no.	Description
AK4030	AK4030	10 meter DisplayPort hybrid cable male/male.
AK4031	AK4031	15 meter DisplayPort hybrid cable male/male.
AK4032	AK4032	20 meter DisplayPort hybrid cable male/male.
AK4033	AK4033	30 meter DisplayPort hybrid cable male/male.
AK4034	AK4034	40 meter DisplayPort hybrid cable male/male.
AK4035	AK4035	50 meter DisplayPort hybrid cable male/male.
AK4036	AK4036	60 meter DisplayPort hybrid cable male/male.
AK4037	AK4037	70 meter DisplayPort hybrid cable male/male.
AK4038	AK4038	80 meter DisplayPort hybrid cable male/male.
AK4039	AK4039	90 meter DisplayPort hybrid cable male/male.
AK4040	AK4040	100 meter DisplayPort hybrid cable male/male.

DisplayPort

DisplayPort:
what you should know about it



DisplayPort is mainly used for connecting a video source to a monitor, but it can also be used to send data. A DisplayPort connector is quite similar to a HDMI connector, except that there is only one bevel on the side of the connector and not two bevels as with HDMI. The DisplayPort signal is not fully compatible with a HDMI or DVI signal.

	VGA	DVI	HDMI	DisplayPort
Audio support	No	No	Standard	Optional
Blue-ray Disc Content support	No	No	Standard	Optional
HDCP/DCP support	No	HDCP	HDCP	HDCP/DCP
Powered connector	No	Optional	Standard	Standard
WQXGA resolutie	No	Dual Link	Via CAT2 cable	Standard
120Hz refresh support	No	No	Optional	Standard

DisplayPort cables are available in two versions:

DisplayPort cables connecting pin 20: power supply via the DisplayPort connector. These cables are suitable for High Bitrate resolutions.

DisplayPort cables not connecting pin 20: suitable for most applications, because the power supply is not connected.

Video Format				DisplayPort Version / Maximum Data Rate			
	Resolution	Refresh rate (Hz)	Data Rate Gbit/s	1.0–1.1a	1.2–1.2a	1.3	1.4
				8.64 Gbit/s	17.28 Gbit/s	25.92 Gbit/s	25.92 Gbit/s
1080p	1920×1080	30	1.58	✓	✓	✓	✓
		60	3,2	✓	✓	✓	✓
		120	6,59	✓	✓	✓	✓
		144	8	✓	✓	✓	✓
		240	14	✓	✓	✓	✓
1440p	2560×1440	30	2,78	✓	✓	✓	✓
		60	5,63	✓	✓	✓	✓
		75	7,09	✓	✓	✓	✓
		120	11,59	x	✓	✓	✓
		144	14,08	x	✓	✓	✓
		165	16,3	x	✓	✓	✓
		240	24,62	x	✓	✓	✓
4K	3840×2160	30	6,18	✓	✓	✓	✓
		60	12,54	x	✓	✓	✓
		75	15,79	x	✓	✓	✓
		120	25,82	x	x	✓	✓
		144	32,35	x	x	x	Compressed
		240	54,84	x	x	x	Compressed
5K	5120×2880	30	10,94	x	✓	✓	✓
		60	22,18	x	x	✓	✓
		120	45,66	x	x	x	Compressed
8K	7680 × 4320	30	24,48	x	x	✓	✓
		60	49,65	x	x	x	Compressed

Displayport cables

DisplayPort connection cable male-male no power connected

- For resolutions up to 4K@60Hz
- Power pin 20 not connected
- For most applications

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DisplayPort male (x1)
Locking	: Snap-in
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK3975	AK3975	DisplayPort male/male 0,50 m, power pin 20 not connected.
AK3976	AK3976	DisplayPort male/male 1,00 m, power pin 20 not connected.
AK3983	AK3983	DisplayPort male/male 2,00 m, power pin 20 not connected.
AK3984	AK3984	DisplayPort male/male 3,00 m, power pin 20 not connected.

DisplayPort connection cable male-male, no power connected

- For resolutions up to 1080p@60Hz
- Power pin 20 not connected
- For most applications

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DisplayPort male (x1)
Locking	: Snap-in
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK3986	AK3986	DisplayPort male/male 5,00 m, power pin 20 not connected.

DisplayPort connection cable male-male with power connected

- For resolutions up to 4K@60Hz
- All pins connected include power pin 20
- For applications where DisplayPort power is needed like not external powered converters

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DisplayPort male (x1)
Locking	: Snap-in
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 30 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK3977	AK3977	DisplayPort male/male 0,50 m, power pin 20 connected.
AK3978	AK3978	DisplayPort male/male 1,00 m, power pin 20 connected.
AK3980	AK3980	DisplayPort male/male 2,00 m, power pin 20 connected.
AK3981	AK3981	DisplayPort male/male 3,00 m, power pin 20 connected.
AK3982	AK3982	DisplayPort male/male 5,00 m, power pin 20 connected.

Mini DisplayPort male - Mini DisplayPort male cable

- For resolutions up to 4K@60Hz

Technical specifications

Connector A	: Mini DisplayPort male (x1)
Connector B	: Mini DisplayPort male (x1)
Locking	: Snap-in
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK3954	AK3954	Mini DisplayPort male - Mini DisplayPort male 0,50 m
AK3959	AK3959	Mini DisplayPort male - Mini DisplayPort male 1,00 m
AK3960	AK3960	Mini DisplayPort male - Mini DisplayPort male 1,50 m
AK3961	AK3961	Mini DisplayPort male - Mini DisplayPort male 2,00 m
AK3962	AK3962	Mini DisplayPort male - Mini DisplayPort male 3,00 m
AK3969	AK3969	Mini DisplayPort male - Mini DisplayPort male 5,00 m

Mini DisplayPort male - Mini DisplayPort female cable

- For resolutions up to 4K@30Hz and 1080p@60Hz

Technical specifications

Connector A	: Mini DisplayPort male (x1)
Connector B	: Mini DisplayPort female (x1)
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK3955	AK3955	Mini DisplayPort male - Mini DisplayPort female 1,00 m
AK3956	AK3956	Mini DisplayPort male - Mini DisplayPort female 1,50 m
AK3958	AK3958	Mini DisplayPort male - Mini DisplayPort female 3,00 m

Conversion cable MiniDisplayPort male - DisplayPort male

- For resolutions up to 4K@60Hz

Technical specifications

Connector A	: Mini DisplayPort male (x1)
Connector B	: DisplayPort male (x1)
Hoods	: Molded plastic
Locking	: Snap-in
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Cable colour	: White
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK3968	AK3968	Mini DisplayPort male - DisplayPort male 0,50 m
AK3963	AK3963	Mini DisplayPort male - DisplayPort male 1,00 m
AK3964	AK3964	Mini DisplayPort male - DisplayPort male 1,50 m
AK3965	AK3965	Mini DisplayPort male - DisplayPort male 2,00 m
AK3966	AK3966	Mini DisplayPort male - DisplayPort male 3,00 m
AK3967	AK3967	Mini DisplayPort male - DisplayPort male 5,00 m

Conversion adapter DisplayPort male - Mini DisplayPort female

- For resolutions up to 4K@60Hz

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: Mini DisplayPort female (x1)
Locking	: Snap-in
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AB3997	AB3997	DisplayPort male - Mini DisplayPort female adapter

Conversion adapter Mini DisplayPort male - DisplayPort female

Technical specifications

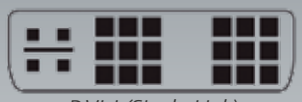
Connector A	: Mini DisplayPort male (x1)
Connector B	: DisplayPort female (x1)
Adapter design	: Axial
Locking	: Snap-in
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video signal	: DisplayPort
Video specification	: DisplayPort 1.2

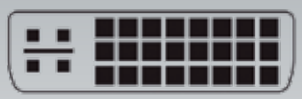
Type no.	Manufacturer no.	Description
AB3996	AB3996	Mini DisplayPort male - DisplayPort female

DVI

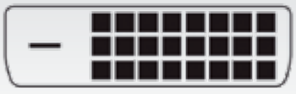
DVI: what you need know about it

DVI-A


DVI-I (Single Link)


DVI-I (Dual Link)

DVI-D (Single Link)


DVI-D (Dual Link)

DVI is a video standard that can be called the successor of VGA. It is used to send video from a DVI source to a compatible device.
There are 3 variants:

- DVI-A: For analog signals
- DVI-D: For digital signals
- DVI-I: For analog and digital signals

Within the DVI-D and DVI-I versions single-link and dual-link are distinguishes by bandwidth. Examples of resolutions including refresh rates are:

Examples resoluties (single-link):	Examples resoluties (dual-link):
HDTV (1920×1080) @ 60 Hz	QXGA (2048×1536) @ 75 Hz
UXGA (1600×1200) @ 60 Hz	HDTV (1920×1080) @ 85 Hz
WUXGA (1920×1200) @ 60 Hz	WUXGA (1920×1200) @ 120 Hz
SXGA (1280×1024) @ 85 Hz	WQXGA (2560×1600) @ 60 Hz
WXGA+ (1440×900) @ 60 Hz	WQXGA (2560×1600) @ 60 Hz
WQUXGA (3840×2400) @ 17 Hz	WQXGA (2560×1600) @ 60 Hz
	WQUXGA (3840×2400) @ 33 Hz

High Quality (HQ) and Standard Quality (SQ) cables
We offer you both HQ and SQ cables. HQ cables have a DVI Digital Working Group certification (www.ddwg.org), have 2 ferrite cores and are fitted with aluminum shielded hoods. You will recognize our HQ cables by means of the addition of High Quality in the product name. SQ cables are not certified according to DVI Digital Working Group, do not have ferrite cores and are foil shielded.

HQ cable *SQ cable*

DVI cables

DVI-D Dual Link connection cable male-male

Technical specifications

Connector A	: DVI 24+1-pin male (x1)
Connector B	: DVI 24+1-pin male (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar, Braid
Quality	: Standard
Conductor material	: Copper
Wire gauge	: 28
Outer jacket	: PVC
Cable colour	: Black
Video signal	: DVI
Video specification	: DVI-D Dual Link

Type no.	Manufacturer no.	Description
AK3829	AK3829	DVI-D Dual Link male - male 0,50 m
AK3833	AK3833	DVI-D Dual Link male - male 1,00 m
AK3834	AK3834	DVI-D Dual Link male - male 1,50 m
AK3830	AK3830	DVI-D Dual Link male - male 2,00 m
AK3831	AK3831	DVI-D Dual Link male - male 3,00 m
AK3832	AK3832	DVI-D Dual Link male - male 5,00 m

DVI-D Dual Link extension cable male-female

Technical specifications

Connector A	: DVI 24+1-pin male (x1)
Connector B	: DVI 24+1-pin female (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar, Braid
Quality	: Standard
Conductor material	: Copper
Wire gauge	: 28
Outer jacket	: PVC
Cable colour	: Black
Video signal	: DVI
Video specification	: DVI-D Dual Link

Type no.	Manufacturer no.	Description
AK3970	AK3970	DVI-D Dual Link male - female 2,00 m
AK3971	AK3971	DVI-D Dual Link male - female 3,00 m

DVI-D Single Link connection cable male - male

Technical specifications

Connector A	: DVI 18+1-pin male (x1)
Connector B	: DVI 18+1-pin male (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar, Braid
Quality	: Standard
Conductor material	: Copper
Wire gauge	: 28
Outer jacket	: PVC
Cable colour	: Black
Video signal	: DVI
Video specification	: DVI-D Single Link

Type no.	Manufacturer no.	Description
AK3819	AK3819	DVI-D Single Link male - male 0,50 m
AK3823	AK3823	DVI-D Single Link male - male 1,00 m
AK3824	AK3824	DVI-D Single Link male - male 1,50 m
AK3820	AK3820	DVI-D Single Link male - male 2,00 m
AK3821	AK3821	DVI-D Single Link male - male 3,00 m
AK3822	AK3822	DVI-D Single Link male - male 5,00 m

DVI-I Dual Link connection cable male-male

Technical specifications

Connector A	: DVI 24+5-pin male (x1)
Connector B	: DVI 24+5-pin male (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar, Braid
Quality	: Standard
Conductor material	: Copper
Wire gauge	: 28
Video signal	: DVI
Video specification	: DVI-D Dual Link, DVI-I Dual Link

Type no.	Manufacturer no.	Description
AK3953	AK3953	DVI-I Dual Link male-male 1,50 m
AK3950	AK3950	DVI-I Dual Link male-male 2,00 m

High quality DVI-D Dual Link connection cable male-male

- Certified Cable.
- Double Ferrite Core.
- Metal and molded hoods.

Technical specifications

Connector A	: DVI 24+1-pin male (x1)
Connector B	: DVI 24+1-pin male (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28
Outer jacket	: PVC
Cable colour	: Ivory
Video signal	: DVI
Video specification	: DVI-D Dual Link

Type no.	Manufacturer no.	Description
AK3630	AK3630	DVI-D Dual Link male - male, High Quality 1,80 m
AK3631	AK3631	DVI-D Dual Link male - male, High Quality 3,00 m
AK3632	AK3632	DVI-D Dual Link male - male, High Quality 5,00 m
AK3634	AK3634	DVI-D Dual Link male - male, High Quality 10,00 m

High quality DVI-D Single connection cable male - male

- Certified cable.
- Double Ferrite Core.
- Metal and molded Hoods.

Technical specifications

Connector A	: DVI 18+1-pin male (x1)
Connector B	: DVI 18+1-pin male (x1)
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28
Outer jacket	: PVC
Cable colour	: Ivory
Video signal	: DVI
Video specification	: DVI-D Single Link

Type no.	Manufacturer no.	Description
AK3620	AK3620	DVI-D Single Link male - male, High Quality 2,00 m
AK3621	AK3621	DVI-D Single Link male - male, High Quality 3,00 m
AK3622	AK3622	DVI-D Single Link male - male, High Quality 5,00 m
AK3624	AK3624	DVI-D Single Link male - male, High Quality 10,00 m

High quality DVI-I Dual Link connection cable male-male

- Certified cable.
- Double ferrite core.
- Metal and molded hoods.

Technical specifications

Connector A	: DVI 24+5-pin male (x1)
Connector B	: DVI 24+5-pin male (x1)
Locking	: Thumbscrew
Shielding type	: 100% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 30
Outer jacket	: PVC
Cable colour	: Ivory
Video signal	: DVI
Video specification	: DVI-I Dual Link

Type no.	Manufacturer no.	Description
AK3720	AK3720	DVI-I Dual Link male - male, High Quality 2,00 m
AK3721	AK3721	DVI-I Dual Link male - male, High Quality 3,00 m
AK3722	AK3722	DVI-I Dual Link male - male, High Quality 5,00 m
AK3724	AK3724	DVI-I Dual Link male - male, High Quality 10,00 m

SLAC DVI-D connection cable male - male

- 3 times shielded cable (Super Low Attenuation Cable) for the highest video quality over long distances
- Diameter 10 mm.

Technical specifications

Connector A	: DVI 18+1-pin male (x1)
Connector B	: DVI 18+1-pin male (x1)
Locking	: Thumbscrew
Shielding	: Mylar aluminium foil + braid overall
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 1 pair AWG24 + 5c AWG28
Outer jacket	: PVC
Cable colour	: Black
Video signal	: DVI
Video specification	: DVI-D Single Link

Type no.	Manufacturer no.	Description
AK3625	AK3625	DVI-D Single Link male - male Super Low Attenuation Cable 10,00 m
AK3626	AK3626	DVI-D Single Link male - male Super Low Attenuation Cable 15,00 m

DVI adapter DVI-I female - DVI-D male HQ

- RF-Block shielded hood.

Technical specifications

Connector A	: DVI 24+5-pin female (x1)
Connector B	: DVI 18+1-pin male (x1)
Video signal	: DVI

Type no.	Manufacturer no.	Description
AB3740	AB3740	DVI adapter DVI-I female - DVI-D male

DVI adapter DVI-I female - DVI-I male SQ

Technical specifications

Connector A : DVI 24+5-pin female (x1)
Connector B : DVI 24+5-pin male (x1)
Video signal : DVI

Type no.	Manufacturer no.	Description
AP1001	AP1001	DVI adapter DVI-I female - DVI-I male

DVI-I dual link gender changer HQ

- RF-Block shielded hood.

Technical specifications

Connector A : DVI 24+5-pin female (x1)
Connector B : DVI 24+5-pin female (x1)
Video signal : DVI

Type no.	Manufacturer no.	Description
AB3730	AB3730	DVI-I dual link gender changer female - female

VGA cables

High Performance VGA connection cable male-male black

- RF-Block shielded hood, slim improved solution for ferrite cores.
- All pins connected

Technical specifications

Connector A : VGA HD D-sub 15-pin male (x1)
Connector B : VGA HD D-sub 15-pin male (x1)
Locking : Thumbscrew
Shielding type : 85% braid, Aluminum Mylar
Conductor material : Copper
Wire gauge : 28 AWG
Outer jacket : PVC
Cable colour : Black
Video signal : VGA

Type no.	Manufacturer no.	Description
AK4250	AK4250	High Performance VGA connection cable male-male 0.50 m
AK4251	AK4251	High Performance VGA connection cable male-male 1.00 m
AK4260	AK4260	High Performance VGA connection cable male-male 1.80 m
AK4263	AK4263	High Performance VGA connection cable male-male 3.00 m
AK4265	AK4265	High Performance VGA connection cable male-male 5.00 m
AK4267	AK4267	High Performance VGA connection cable male-male 7.00 m
AK4269	AK4269	High Performance VGA connection cable male-male 10.00 m
AK4271	AK4271	High Performance VGA connection cable male-male 15.00 m
AK4273	AK4273	High Performance VGA connection cable male-male 20.00 m
AK4275	AK4275	High Performance VGA connection cable male-male 25.00 m
AK4277	AK4277	High Performance VGA connection cable male-male 30.00 m

High Performance VGA extension cable male-female black

- RF-Block shielded hood, slim improved solution for ferrite cores.
- All pins connected

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK4210	AK4210	High Performance VGA extension cable male-female 0.50 m
AK4211	AK4211	High Performance VGA extension cable male-female 1.00 m
AK4220	AK4220	High Performance VGA extension cable male-female 1.80 m
AK4223	AK4223	High Performance VGA extension cable male-female 3.00 m
AK4225	AK4225	High Performance VGA extension cable male-female 5.00 m
AK4227	AK4227	High Performance VGA extension cable male-female 7.00 m
AK4229	AK4229	High Performance VGA extension cable male-female 10.00 m
AK4231	AK4231	High Performance VGA extension cable male-female 15.00 m
AK4233	AK4233	High Performance VGA extension cable male-female 20.00 m
AK4235	AK4235	High Performance VGA extension cable male-female 25.00 m
AK4237	AK4237	High Performance VGA extension cable male-female 30.00 m

High Performance VGA connection cable male-male with metal hoods

- RF-Block shielded hood, slim improved solution for ferrite cores.
- All pins connected.

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK9060	AK9060	High Performance VGA connection cable male-male 1.80 m
AK9063	AK9063	High Performance VGA connection cable male-male 3.00 m
AK9065	AK9065	High Performance VGA connection cable male-male 5.00 m
AK9067	AK9067	High Performance VGA connection cable male-male 7.00 m
AK9069	AK9069	High Performance VGA connection cable male-male 10.00 m
AK9071	AK9071	High Performance VGA connection cable male-male 15.00 m
AK9073	AK9073	High Performance VGA connection cable male-male 20.00 m
AK9075	AK9075	High Performance VGA connection cable male-male 25.00 m
AK9077	AK9077	High Performance VGA connection cable male-male 30.00 m

Ultra High Performance VGA connection cable male-male with molded hoods

- RF-Block shielded hood, slim improved solution for ferrite cores.
- Delivered with testreport.
- All pins connected.

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK4958	AK4958	Ultra High Performance VGA connection cable male-male 0.50 m
AK4959	AK4959	Ultra High Performance VGA connection cable male-male 1.00 m
AK4960	AK4960	Ultra High Performance VGA connection cable male-male 1.80 m
AK4963	AK4963	Ultra High Performance VGA connection cable male-male 3.00 m
AK4965	AK4965	Ultra High Performance VGA connection cable male-male 5.00 m
AK4967	AK4967	Ultra High Performance VGA connection cable male-male 7.00 m
AK4969	AK4969	Ultra High Performance VGA connection cable male-male 10.00 m
AK4971	AK4971	Ultra High Performance VGA connection cable male-male 15.00 m
AK4973	AK4973	Ultra High Performance VGA connection cable male-male 20.00 m
AK4977	AK4977	Ultra High Performance VGA connection cable male-male 30.00 m

Ultra High Performance VGA extension cable male-female with molded hoods

- RF-Block shielded hood, slim improved solution for ferrite cores.
- Delivered with testreport.
- All pins connected.

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK4918	AK4918	Ultra High Performance VGA extension cable male-female 0.50 m
AK4919	AK4919	Ultra High Performance VGA extension cable male-female 1.00 m
AK4920	AK4920	Ultra High Performance VGA extension cable male-female 1.80 m
AK4923	AK4923	Ultra High Performance VGA extension cable male-female 3.00 m
AK4925	AK4925	Ultra High Performance VGA extension cable male-female 5.00 m
AK4929	AK4929	Ultra High Performance VGA extension cable male-female 10.00 m

Ultra High Performance VGA connection cable male-male with metal hoods

- RF-Block shielded hood, slim improved solution for ferrite cores.
- Delivered with testreport.
- All pins connected.

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK9360	AK9360	Ultra High Performance VGA connection cable male-male 1.80 m
AK9363	AK9363	Ultra High Performance VGA connection cable male-male 3.00 m
AK9365	AK9365	Ultra High Performance VGA connection cable male-male 5.00 m
AK9367	AK9367	Ultra High Performance VGA connection cable male-male 7.00 m
AK9369	AK9369	Ultra High Performance VGA connection cable male-male 10.00 m
AK9371	AK9371	Ultra High Performance VGA connection cable male-male 15.00 m
AK9373	AK9373	Ultra High Performance VGA connection cable male-male 20.00 m
AK9375	AK9375	Ultra High Performance VGA connection cable male-male 25.00 m
AK9377	AK9377	Ultra High Performance VGA connection cable male-male 30.00 m

Ultra High Performance VGA + Audio connection cable male-male

- RF-Block shielded hood, slim improved solution for ferrite cores.
- Delivered with testreport.
- All pins connected.

Technical specifications

Connector A	: 3,5 mm jack male (x1), VGA HD D-sub 15-pin male (x1)
Connector B	: 3,5 mm jack male (x1), VGA HD D-sub 15-pin male (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK4990	AK4990	Ultra High Performance VGA + Audio connection cable male-male 2.00 m
AK4991	AK4991	Ultra High Performance VGA + Audio connection cable male-male 3.00 m
AK4992	AK4992	Ultra High Performance VGA + Audio connection cable male-male 5.00 m
AK4993	AK4993	Ultra High Performance VGA + Audio connection cable male-male 7.00 m
AK4994	AK4994	Ultra High Performance VGA + Audio connection cable male-male 10.00 m
AK4995	AK4995	Ultra High Performance VGA + Audio connection cable male-male 15.00 m
AK4996	AK4996	Ultra High Performance VGA + Audio connection cable male-male 20.00 m

Ultra High Performance VGA + Audio extension cable male-female

- RF-Block shielded hood, slim improved solution for ferrite cores.
- Delivered with testreport.
- All pins connected.

Technical specifications

Connector A	: 3,5 mm jack male (x1), VGA HD D-sub 15-pin male (x1)
Connector B	: 3,5 mm jack male (x1), VGA HD D-sub 15-pin female (x1)
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK4980	AK4980	Ultra High Performance VGA + Audio extension cable male-female 2.00 m
AK4981	AK4981	Ultra High Performance VGA + Audio extension cable male-female 3.00 m
AK4982	AK4982	Ultra High Performance VGA + Audio extension cable male-female 5.00 m
AK4984	AK4984	Ultra High Performance VGA + Audio extension cable male-female 10.00 m

VGA connection cable male-male SQ

Standard Quality, for other lengths see coaxial series.
Pin 9 not connected.

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Ivory
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK3225	AK3225	VGA connection cable male-male SQ 1.80 m

VGA extension cable male-female SQ

Standard Quality, for other lengths see coaxial series.
Pin 9 not connected.

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Ivory
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK3220	AK3220	VGA extension cable male-female 1.80 m

VGA connection cable male - male

- Pin 9 not connected

ewent

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK3226	AK3226	VGA connection cable male - male 1.80 m
AK3227	AK3227	VGA connection cable male - male 3.00 m
AK3228	AK3228	VGA connection cable male - male 5.00 m

VGA extension cable male - female

- Pin 9 not connected

ewent

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK3221	AK3221	VGA extension cable male - female 1.80 m

Angled Adapter VGA male - female

ACT

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Adapter design	: Angled
Locking	: Screwable
Video signal	: VGA

Type no.	Manufacturer no.	Description
AB9066	AB9066	Angled adapter VGA male - female

VGA splitcable

Technical specifications

Connector A	: VGA HD D-sub 15-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x2)
Cable	: VGA cable coaxial
Locking	: Thumbscrew
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Video signal	: VGA

Type no.	Manufacturer no.	Description
AK3187	AK3187	VGA splitcable 0.25 m
AK3188	AK3188	VGA splitcable 1.80 m

Conversion adapters

Conversion adapter DisplayPort male - DVI female

- To connect a DVI monitor to a DisplayPort output

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DVI 24+5-pin female (x1)
Adapter design	: Axial
Locking	: Snap-in
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video signal	: DVI, DisplayPort
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AB3995	AB3995	DisplayPort male - DVI female adapter

Adapter DVI-D female - HDMI A male HQ

- RF-Block shielded hood.

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: DVI 24+5-pin female (x1)
Video signal	: DVI, HDMI

Type no.	Manufacturer no.	Description
AB3765	AB3765	Adapter DVI-D female - HDMI A male

Adapter DVI-D female - HDMI A male SQ

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: DVI 24+5-pin female (x1)
Video signal	: DVI, HDMI

Type no.	Manufacturer no.	Description
AP1006	AP1006	HDMI A M / DVI-D F adapter SQ

Adapter DVI-D female - HDMI A male

- DVI connector shifted sideways

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: DVI 24+5-pin female (x1)
Video signal	: DVI, HDMI

Type no.	Manufacturer no.	Description
AB3766	AB3766	Adapter DVI-D female - HDMI A male

Adapter DVI-D male - HDMI A female HQ

- RF-Block shielded hood.

Technical specifications

Connector A	: HDMI A (full-size) female (x1)
Connector B	: DVI 18+1-pin male (x1)
Video signal	: DVI, HDMI

Type no.	Manufacturer no.	Description
AB3760	AB3760	Adapter DVI-D male - HDMI A female

Adapter DVI-D male - HDMI A female SQ

Technical specifications

Connector A	: HDMI A (full-size) female (x1)
Connector B	: DVI 18+1-pin male (x1)
Video signal	: DVI, HDMI

Type no.	Manufacturer no.	Description
AP1004	AP1004	Adapter DVI-D male - HDMI A female SQ

Gender DVI-A female - VGA male HQ

- RF-Block shielded hood.

Technical specifications

Connector A	: DVI 24+5-pin female (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Adapter design	: Axial
Locking	: Thumbscrew
Shielding type	: CAN
Video signal	: DVI, VGA

Type no.	Manufacturer no.	Description
AB3755	AB3755	Gender DVI-A female - VGA male

Gender DVI-A female - VGA male SQ

Technical specifications

Connector A	: DVI 24+5-pin female (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Adapter design	: Axial
Locking	: Thumbscrew
Video signal	: DVI, VGA

Type no.	Manufacturer no.	Description
AP1003	AP1003	Gender DVI-A female - VGA male SQ

Adapter DVI-A male - VGA female HQ

- RF-Block shielded hood.

Technical specifications

Connector A	: DVI 12+5-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Adapter design	: Axial
Locking	: Thumbscrew
Shielding type	: CAN
Video signal	: DVI, VGA

Type no.	Manufacturer no.	Description
AB3750	AB3750	Adapter DVI-A male - VGA female

Adapter DVI-A male - VGA female SQ

Technical specifications

Connector A	: DVI 12+5-pin male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Adapter design	: Axial
Locking	: Thumbscrew
Video signal	: DVI, VGA

Type no.	Manufacturer no.	Description
AP1002	AP1002	Adapter DVI-A male - VGA female SQ

Converter cables

Conversion cable DisplayPort male - HDMI-A male

- To connect a HDMI monitor to a DisplayPort output.

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: HDMI A (full-size) male (x1)
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Black
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK3987	AK3987	Conversion cable DisplayPort male - HDMI-A male 0.50 m
AK3988	AK3988	Conversion cable DisplayPort male - HDMI-A male 1.00 m
AK3990	AK3990	Conversion cable DisplayPort male - HDMI-A male 1.80 m
AK3991	AK3991	Conversion cable DisplayPort male - HDMI-A male 3.00 m
AK3992	AK3992	Conversion cable DisplayPort male - HDMI-A male 5.00 m

Conversion adapter DisplayPort male - HDMI A female

- To connect a HDMI monitor to a DisplayPort output.

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: HDMI A (full-size) female (x1)
Adapter design	: Axial
Locking	: Snap-in
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video signal	: DisplayPort, HDMI
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AB3985	AB3985	DisplayPort male - HDMI-A female adapter

Conversion cable DisplayPort male - HDMI A female

- To connect a HDMI monitor to a DisplayPort output

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: HDMI A Female
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK3994	AK3994	DisplayPort male - HDMI-A female 0,15 m

Conversion cable DisplayPort male - DVI female

- To connect a DVI monitor to a DisplayPort output.

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DVI 24+5-pin female (x1)
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK3985	AK3985	DisplayPort male - DVI female 0,15 m

Conversion cable DisplayPort male - DVI male

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: DVI 24+1-pin male (x1)
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK3989	AK3989	Conversion cable DisplayPort male - DVI male 0.50 m
AK3993	AK3993	Conversion cable DisplayPort male - DVI male 1.00 m
AK3995	AK3995	Conversion cable DisplayPort male - DVI male 1.80 m
AK3997	AK3997	Conversion cable DisplayPort male - DVI male 3.00 m
AK3998	AK3998	Conversion cable DisplayPort male - DVI male 5.00 m

Conversion cable DisplayPort male - VGA female

- To connect a VGA monitor to a DisplayPort output

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Hoods	: Molded plastic
Locking	: Snap-in
Conductor Material	: Copper
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black
Max. resolution @ 30Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK3996	AK3996	DisplayPort male - VGA female 0,15 m

Conversion cable DisplayPort male - VGA male

Technical specifications

Connector A	: DisplayPort male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Cable colour	: Black
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK3999	AK3999	Conversion cable DisplayPort male - VGA male 2.00 m

Converter cable Mini DisplayPort male - HDMI, VGA or DVI female, HDMI 4K @ 30Hz

Technical specifications

Connector A	: Mini DisplayPort male
Connector B	: HDMI-A female
Connector C	: DVI female 24+5 pin
Connector D	: VGA female 15 pin
Conductor diameter	: AWG#28/32
Shielding	: Mylar aluminium foil + braid
DisplayPort standard	: 1.2
Max. resolution @ 30Hz	: 4096 x 2160
Max. resolution @ 60Hz	: 1920 x 1080
Colour	: White

Type no.	Manufacturer no.	Description
EW9863	EW9863	Length: 0.15 m

Conversion cable Mini DisplayPort male - HDMI-A female

- To connect a HDMI monitor to a mini DisplayPort output.
- Active device

Technical specifications

Connector A	: Mini DisplayPort male (x1)
Connector B	: HDMI-A female
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Cable colour	: White
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AK4000	AK4000	Mini DisplayPort male - HDMI-A female 0,15 m

Conversion cable Mini DisplayPort male - DVI-D female single link

- To connect a DVI monitor to a Mini DisplayPort output
- Active device

Technical specifications

Connector A	: Mini DisplayPort male (x1)
Connector B	: DVI 24+5-pin female (x1)
Shielding type	: Aluminum Mylar, Braid
DisplayPort standard	: 1.1
Max. video resolution @ 30Hz	: 1080p
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC

Type no.	Manufacturer no.	Description
AK4001	AK4001	Mini DisplayPort male - DVI female 0,15 m

Conversion cable Mini DisplayPort male - VGA female

- To connect a VGA monitor to a Mini DisplayPort output
- Active device

Technical specifications

Connector A	: Mini DisplayPort male (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 32 AWG
Outer jacket	: PVC
Cable colour	: White
Max. resolution @ 30Hz	: 1080p
Video specification	: DisplayPort 1.1

Type no.	Manufacturer no.	Description
AK4002	AK4002	Mini DisplayPort male - VGA female 0,15 m

Converter cable HDMI A male - DVI-D male

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: DVI 18+1-pin male (x1)
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK3739	AK3739	Converter cable HDMI A male - DVI-D male 1,00 m
AK3740	AK3740	Converter cable HDMI A male - DVI-D male 2,00 m
AK3741	AK3741	Converter cable HDMI A male - DVI-D male 3,00 m
AK3742	AK3742	Converter cable HDMI A male - DVI-D male 5,00 m

SLAC Converter cable HDMI A male - DVI-D male

- 3 times shielded cable (Super Low Attenuation Cable) for the highest video quality over long distances
- High Quality.
- Diameter 10 mm.

Technical specifications

Connector A	: HDMI A (full-size) male (x1)
Connector B	: DVI 18+1-pin male (x1)
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK3744	AK3744	SLAC Converter cable HDMI A male - DVI-D male 10,00 m
AK3746	AK3746	SLAC Converter cable HDMI A male - DVI-D male 15,00 m

Adapter HDMI A male - VGA female

- Video and audio converter from a digital HDMI connector to analogue VGA
- Maximum resolution is 1920 x 1200 pixels

Technical specifications

Connector A	: HDMI-A male
Connector B	: VGA female
Colour	: Black

Type no.	Manufacturer no.	Description
EW9864	EW9864	Length: 0.23 m

Adapter VGA male width Audio - HDMI A female

- VGA Male to HDMI Female
- Convert an analogue video and audio signal to digital HDMI

Technical specifications

Connector A	: VGA male
Connector B	: HDMI female
Colour	: Black

Type no.	Manufacturer no.	Description
EW9867	EW9867	Length: 0.34 m

Converter cable DVI-A male - VGA male

Standard quality. Contrary to the HQ cables, these cables have no ferrite cores.

Technical specifications

Connector A	: DVI 12+5-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Hoods	: Molded plastic
Locking	: Thumbscrew
Quality	: Standard
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Wire gauge	: 28, 30 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK3850	AK3850	Converter cable DVI-A male - VGA male 2.00 m

Converter cable DVI-A male - VGA male HQ

- High Quality.
- Certified cable.
- Double ferrite core.
- Metal and molded hoods.

Technical specifications

Connector A	: DVI 24+5-pin male (x1)
Connector B	: VGA HD D-sub 15-pin male (x1)
Hoods	: Molded plastic
Locking	: Thumbscrew
Shielding type	: 85% braid, Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK3650	AK3650	High quality converter cable DVI-A male - VGA male 2.00 m
AK3651	AK3651	High quality converter cable DVI-A male - VGA male 3.00 m
AK3652	AK3652	High quality converter cable DVI-A male - VGA male 5.00 m
AK3654	AK3654	High quality converter cable DVI-A male - VGA male 10.00 m

Audio cables

High Quality audio connection cable 1x 3,5mm stereo jack male - 2x RCA male

- High Quality flexible PVC cable
- Gold plated connectors.
- Oxigen free copper cable.

Technical specifications

Connector A	: RCA male (x2)
Connector B	: 3,5 mm stereo jack male (x1)
Housing colour	: Black
Housing material	: Metal
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper, Oxygene free
Wire gauge	: 28 AWG
Cable diameter	: 4.00 mm
Outer jacket	: PVC
Outer diameter	: 4.00 mm
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK6230	AK6230	2 meter High Quality audio connection cable 1x 3,5mm stereo jack male - 2x RCA male
AK6232	AK6232	3 meter High Quality audio connection cable 1x 3,5mm stereo jack male - 2x RCA male
AK6234	AK6234	5 meter High Quality audio connection cable 1x 3,5mm stereo jack male - 2x RCA male
AK6236	AK6236	10 meter High Quality audio connection cable 1x 3,5mm stereo jack male - 2x RCA male

High Quality audio connection cable 3,5 mm stereo jack male - male

- High Quality flexible PVC cable
- Gold plated connectors.
- Oxigen free copper cable.

Technical specifications

Connector A	: 3,5 mm jack male (x1)
Connector B	: 3,5 mm jack male (x1)
Housing colour	: Black
Housing material	: Metal
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper, Oxygene free
Wire gauge	: 28 AWG
Cable diameter	: 4.00 mm
Outer jacket	: PVC
Outer diameter	: 4.00 mm
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK6240	AK6240	2 meter High Quality audio connection cable 3,5 mm stereo jack male - male
AK6243	AK6243	3 meter High Quality audio connection cable 3,5 mm stereo jack male - male
AK6244	AK6244	5 meter High Quality audio connection cable 3,5 mm stereo jack male - male
AK6246	AK6246	10 meter High Quality audio connection cable 3,5 mm stereo jack male - male
AK6247	AK6247	15 meter High Quality audio connection cable 3,5 mm stereo jack male - male

High Quality audio extension cable 3,5 mm stereo jack male - female

- High Quality flexible PVC cable
- Gold plated connectors.
- Oxigen free copper cable.

Technical specifications

Connector A	: 3,5 mm jack male (x1)
Connector B	: 3,5 mm jack female (x1)
Housing colour	: Black
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper, Oxygene free
Wire gauge	: 28 AWG
Outer jacket	: PVC
Outer diameter	: 4.00 mm
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK6250	AK6250	2 meter High Quality audio extension cable 3,5 mm stereo jack male - female
AK6252	AK6252	3 meter High Quality audio extension cable 3,5 mm stereo jack male - female
AK6254	AK6254	5 meter High Quality audio extension cable 3,5 mm stereo jack male - female
AK6256	AK6256	10 meter High Quality audio extension cable 3,5 mm stereo jack male - female

3,5 mm stereo jack connection cable male - male

Technical specifications

Connector A	: 3,5 mm jack male (x1)
Connector B	: 3,5 mm jack male (x1)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Outer diameter	: 2.80 mm
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2035	AK2035	3,5 mm stereo jack connection cable male - male 1.50 m
AK2036	AK2036	3,5 mm stereo jack connection cable male - male 2.50 m
AK2037	AK2037	3,5 mm stereo jack connection cable male - male 5.00 m
AK2038	AK2038	3,5 mm stereo jack connection cable male - male 10.00 m
AK2039	AK2039	3,5 mm stereo jack connection cable male - male 15.00 m

3,5 mm stereo jack extension cable male - female

Technical specifications

Connector A	: 3,5 mm jack male (x1)
Connector B	: 3,5 mm jack female (x1)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Outer diameter	: 2.80 mm
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2030	AK2030	3,5 mm stereo jack extension cable male - female 3.00 m
AK2031	AK2031	3,5 mm stereo jack extension cable male - female 5.00 m

Audio converter cable 1x 3,5mm stereo jack male - 2x RCA female

Technical specifications

Connector A	: 3,5 mm jack male (x1)
Connector B	: RCA female (x2)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2026	AK2026	Audio converter cable 0.15 m

Audio converter cable 1x 3,5mm stereo jack female - 2x RCA male

Technical specifications

Connector A	: RCA male (x2)
Connector B	: 3,5 mm jack female (x1)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2027	AK2027	Converter cable 3,5mm stereo jack female - 2x RCA male 0.15 m

Audio convertor cable 1x 3,5 mm stereo jack male - 2x RCA male

Technical specifications

Connector A	: 3,5 mm jack male (x1)
Connector B	: RCA male (x2)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2075	AK2075	Converter cable 3,5 mm jack male - 2x RCA male 1.20 m
AK2076	AK2076	Converter cable 3,5 mm jack male - 2x RCA male 2.50 m
AK2077	AK2077	Converter cable 3,5 mm jack male - 2x RCA male 5.00 m
AK2078	AK2078	Converter cable 3,5 mm jack male - 2x RCA male 10.00 m

RCA cables

High Quality audio connection cable 2x RCA male - 2x RCA male

- High Quality flexible PVC cable
- Gold plated connectors.
- Oxigen free copper cable.

Technical specifications

Connector B	: RCA male (x2)
Housing colour	: Black
Housing material	: Metal
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper, Oxygene free
Wire gauge	: 26 AWG
Outer jacket	: PVC
Outer diameter	: 4.00 mm
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK6218	AK6218	0.5 meter High Quality audio connection cable 2x RCA male - 2x RCA male
AK6220	AK6220	1.5 meter High Quality audio connection cable 2x RCA male - 2x RCA male
AK6222	AK6222	3 meter High Quality audio connection cable 2x RCA male - 2x RCA male

Audio connection cable 2x RCA male - 2x RCA male

Technical specifications

Connector A	: RCA male (x2)
Connector B	: RCA male (x2)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2014	AK2014	Audio connection cable RCA male - RCA male 1.20 m
AK2015	AK2015	Audio connection cable RCA male - RCA male 2.50 m

Audio splitter cable 1x RCA male - 2x RCA female

Technical specifications

Connector A	: RCA male (x1)
Connector B	: RCA female (x2)
Housing colour	: Black
Housing material	: Plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
AK2025	AK2025	Audio splitter cable RCA male - RCA female 0.20 m

High quality AV connection cable 1x RCA male -1x RCA male

- High Quality.
- Gold plated connectors.
- Oxigen free copper cable.

Technical specifications

Connector A	: RCA male (x1)
Connector B	: RCA male (x1)
Housing colour	: Transparant
Housing material	: Plastic
Shielding type	: Aluminum Mylar, Braid
Conductor material	: Copper
Outer jacket	: PVC
Cable colour	: Transparant

Type no.	Manufacturer no.	Description
AK2270	AK2270	High quality AV connection cable RCA male - RCA male 2.00 m
AK2272	AK2272	High quality AV connection cable RCA male - RCA male 3.00 m

Microphone cables

XLR Microphone Cable Male/Female

- Highly flexible
- Effective protection against electromagnetic interference

Technical specifications

Connector A	: XLR 3 pins male
Connector B	: XLR 3 pins female
Color	: Black
Outer Jacket	: PVC
Diameter	: 6.8 mm
Shielding	: Aluminium foil and Braid

Type no.	Manufacturer no.	Description
AK2100	PD0312A001	XLR Microphone Cable 1.00 m
AK2101	PD0312A003	XLR Microphone Cable 3.00 m
AK2102	PD0312A006	XLR Microphone Cable 6.00 m
AK2103	PD0312A009	XLR Microphone Cable 9.00 m
AK2104	PD0312A012	XLR Microphone Cable 12.00 m
AK2105	PD0312A015	XLR Microphone Cable 15.00 m
AK2106	PD0312A020	XLR Microphone Cable 20.00 m
AK2107	PD0312A030	XLR Microphone Cable 30.00 m

DMX Cables

XLR DMX Cable Male/Female

Technical specifications

Connector A	: XLR 5 pins male
Connector B	: XLR 5 pins female
Color	: Black
Wires	: 4
Core	: Copper
Core Diameter	: AWG24
Outer Jacket	: PVC
Diameter	: 6.9 mm
Shielding	: Aluminium Foil and braid
Impedance	: 110 Ohm

Type no.	Manufacturer no.	Description
AK2110	PD7378D001	XLR DMX 512 Cable 1.00 m
AK2111	PD7378D003	XLR DMX 512 Cable 3.00 m
AK2112	PD7378D005	XLR DMX 512 Cable 5.00 m
AK2113	PD7378D010	XLR DMX 512 Cable 10.00 m
AK2114	PD7378D015	XLR DMX 512 Cable 15.00 m
AK2115	PD7378D020	XLR DMX 512 Cable 20.00 m

Audio/Video cables - TOS-link cables

TOS-link cables

SPDIF Digital optical audio TOSlink male / male, OEM

- SPDIF Optical audio connection cable
- With gold plated Toslink PIN

Technical specifications

Connector A	: TOS
Connector B	: TOS
Cable colour	: Black
Quality	: Standard

Type no.	Manufacturer no.	Description
EC2462	EC2462	SPDIF Digital optical audio TOSlink 1.20 m

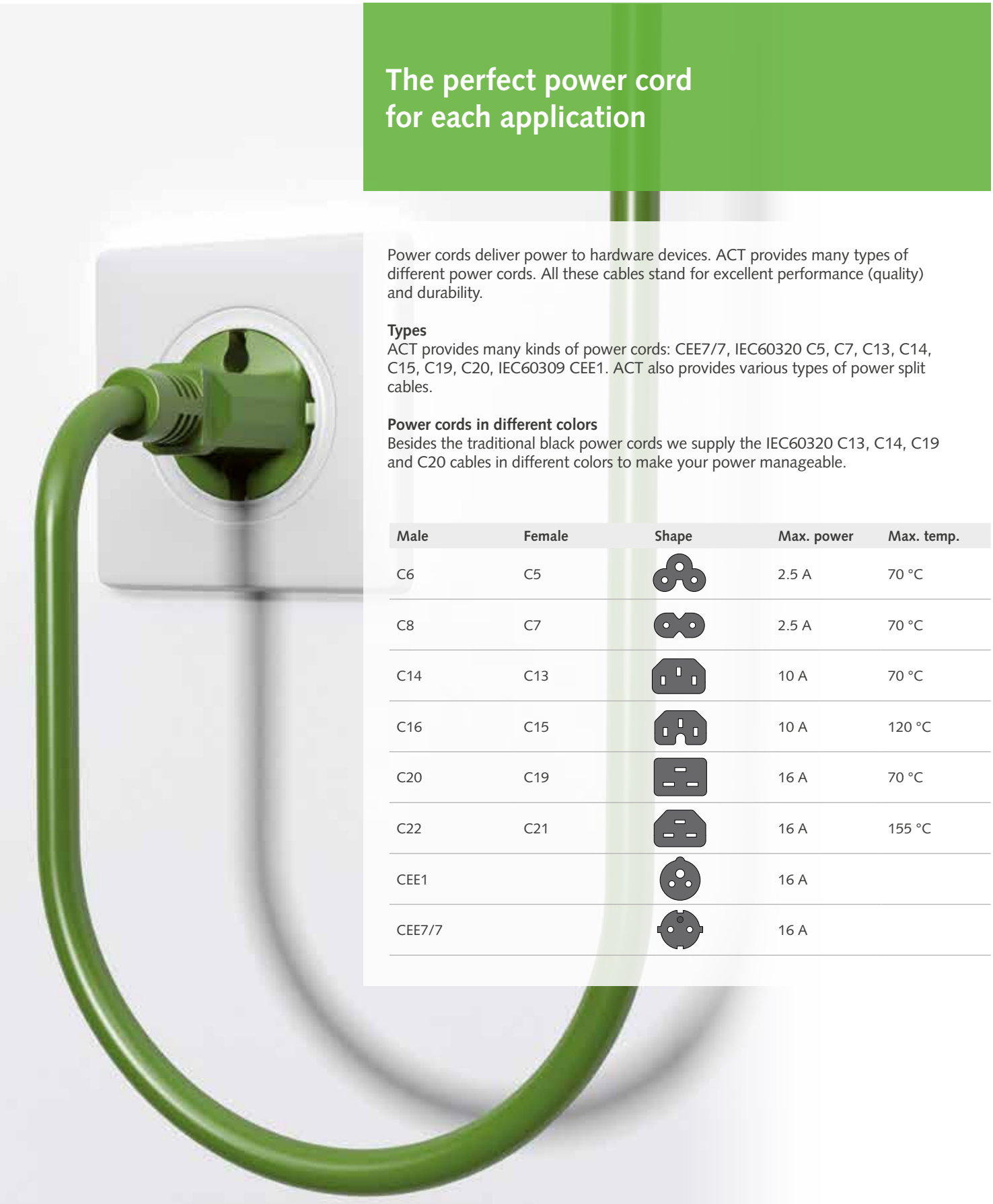
SPDIF Digital optical audio TOSlink male / male

Technical specifications

Connector A	: TOS
Connector B	: TOS
Cable colour	: Black
Quality	: Standard

Type no.	Manufacturer no.	Description
AK2462	AK2462	SPDIF Digital optical audio TOSlink 2.00 m
AK2463	AK2463	SPDIF Digital optical audio TOSlink 3.00 m

ACT power cords



The perfect power cord for each application

Power cords deliver power to hardware devices. ACT provides many types of different power cords. All these cables stand for excellent performance (quality) and durability.

Types
ACT provides many kinds of power cords: CEE7/7, IEC60320 C5, C7, C13, C14, C15, C19, C20, IEC60309 CEE1. ACT also provides various types of power split cables.

Power cords in different colors
Besides the traditional black power cords we supply the IEC60320 C13, C14, C19 and C20 cables in different colors to make your power manageable.

Male	Female	Shape	Max. power	Max. temp.
C6	C5		2.5 A	70 °C
C8	C7		2.5 A	70 °C
C14	C13		10 A	70 °C
C16	C15		10 A	120 °C
C20	C19		16 A	70 °C
C22	C21		16 A	155 °C
CEE1			16 A	
CEE7/7			16 A	

Powercords

CEE7/7 powercords

230V connection cable mains connector CEE7/7 male (angled) - C13 black

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5145	AK5145	230V connection cable CEE7/7 male (angled) - C13 black 0.50 m
AK5146	AK5146	230V connection cable CEE7/7 male (angled) - C13 black 1.00 m
AK5012	AK5012	230V connection cable CEE7/7 male (angled) - C13 black 1.50 m
AK5015	AK5015	230V connection cable CEE7/7 male (angled) - C13 black 2.00 m

230V connection cable mains connector CEE7/7 male (angled) - C13 black

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5010	AK5010	230V connection cable CEE7/7 male (angled) - C13 black 2.50 m
AK5124	AK5124	230V connection cable CEE7/7 male (angled) - C13 black 3.00 m
AK5125	AK5125	230V connection cable CEE7/7 male (angled) - C13 black 4.00 m
AK5016	AK5016	230V connection cable CEE7/7 male (angled) - C13 black 5.00 m
AK5126	AK5126	230V connection cable CEE7/7 male (angled) - C13 black 7.00 m
AK5127	AK5127	230V connection cable CEE7/7 male (angled) - C13 black 10.00 m

230V LSZH connection cable mains connector CEE7/7 male (angled) - C13 black

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: LSZH
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5209	AK5209	Powercord LSZH CEE7/7 male (angled) - C13 black 1.00 m
AK5210	AK5210	Powercord LSZH CEE7/7 male (angled) - C13 black 1.50 m
AK5211	AK5211	Powercord LSZH CEE7/7 male (angled) - C13 black 2.00 m

230V LSZH connection cable mains connector CEE7/7 male (angled) - C13 black

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: LSZH
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5212	AK5212	Powercord LSZH CEE7/7 male (angled) - C13 black 2.50 m
AK5213	AK5213	Powercord LSZH CEE7/7 male (angled) - C13 black 5.00 m

230V connection cable mains connector CEE7/7 male (angled) - C13 white

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: White
Colour number	: RAL 9003
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5235	AK5235	230V connection cable CEE7/7 male (angled) - C13 white 1.5 m
AK5236	AK5236	230V connection cable CEE7/7 male (angled) - C13 white 2.0 m

230V connection cable mains connector CEE7/7 male (angled) - C13 white

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: White
Colour number	: RAL 9003
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5237	AK5237	230V connection cable CEE7/7 male (angled) - C13 white 2.5 m
AK5238	AK5238	230V connection cable CEE7/7 male (angled) - C13 white 3.0 m
AK5239	AK5239	230V connection cable CEE7/7 male (angled) - C13 white 5.0 m

230V connection cable mains connector CEE7/7 male (angled) - C13 red

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Red
Colour number	: RAL 3020
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5128	AK5128	230V connection cable CEE7/7 male (angled) - C13 red 0.60 m
AK5129	AK5129	230V connection cable CEE7/7 male (angled) - C13 red 1.20 m
AK5130	AK5130	230V connection cable CEE7/7 male (angled) - C13 red 1.80 m

230V connection cable mains connector CEE7/7 male (angled) - C13 red

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Red
Colour number	: RAL 3020
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5131	AK5131	230V connection cable CEE7/7 male (angled) - C13 red 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C13 blue

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Blue
Colour number	: RAL 5012
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5132	AK5132	230V connection cable CEE7/7 male (angled) - C13 blue 0.60 m
AK5133	AK5133	230V connection cable CEE7/7 male (angled) - C13 blue 1.20 m
AK5134	AK5134	230V connection cable CEE7/7 male (angled) - C13 blue 1.80 m

230V connection cable mains connector CEE7/7 male (angled) - C13 blue

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Blue
Colour number	: RAL 5012
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE

Type no.	Manufacturer no.	Description
AK5135	AK5135	230V connection cable CEE7/7 male (angled) - C13 blue 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C13 green

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Green
Colour number	: RAL 6018
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5136	AK5136	230V connection cable CEE7/7 male (angled) - C13 green 0.60 m
AK5137	AK5137	230V connection cable CEE7/7 male (angled) - C13 green 1.20 m
AK5138	AK5138	230V connection cable CEE7/7 male (angled) - C13 green 1.80 m

230V connection cable mains connector CEE7/7 male (angled) - C13 green

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Green
Colour number	: RAL 6018
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5139	AK5139	230V connection cable CEE7/7 male (angled) - C13 green 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C13 yellow

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Yellow
Colour number	: RAL 1018
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5140	AK5140	230V connection cable CEE7/7 male (angled) - C13 yellow 0.60 m
AK5141	AK5141	230V connection cable CEE7/7 male (angled) - C13 yellow 1.20 m
AK5142	AK5142	230V connection cable CEE7/7 male (angled) - C13 yellow 1.80 m

230V connection cable mains connector CEE7/7 male (angled) - C13 yellow

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Yellow
Colour number	: RAL 1018
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5143	AK5143	230V connection cable CEE7/7 male (angled) - C13 yellow 3.00 m

230V connection cable mains connector CEE7/7 male - C13

Technical specifications

Connector A	: CEE 7/7 straight male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5014	AK5014	230V connection cable CEE7/7 male - C13 1.50 m black

230V connection cable mains connector CEE7/7 male - C13

Technical specifications

Connector A	: CEE 7/7 straight male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Coppper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5017	AK5017	230V connection cable CEE7/7 male - C13 2.50 m black

230V connection cable mains connector CEE7/7 male - C13

Technical specifications

Connector A	: CEE 7/7 straight male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Ivory
Colour number	: RAL 1015
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5013	AK5013	230V connection cable CEE7/7 male - C13 1.50 m white

230V connection cable mains connector CEE7/7 male - C13

Technical specifications

Connector A	: CEE 7/7 straight male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Ivory
Colour number	: RAL 1015
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5009	AK5009	230V connection cable CEE7/7 male - C13 2.50 m ivory

230V connection cable mains connector CEE7/7 male (angled) - C13 (angled)

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5018	AK5018	230V connection cable CEE7/7 male (angled) - C13 (angled) 2.00 m

230V connection cable mains connector CEE7/7 male (angled) - C15 black

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C15 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: Rubber
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5001	AK5001	230V connection cable CEE7/7 male (angled) - C15 black 1.50 m

230V connection cable mains connector CEE7/7 male (angled) - C5

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C5 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5162	AK5162	230V connection cable CEE7/7 male (angled) - C5 black 1.00 m
AK5144	AK5144	230V connection cable CEE7/7 male (angled) - C5 black 2.00 m
AK5024	AK5024	230V connection cable CEE7/7 male (angled) - C5 black 3.00 m
AK5163	AK5163	230V connection cable CEE7/7 male (angled) - C5 black 5.00 m
AK5188	AK5188	230V connection cable CEE7/7 male (angled) - C5 black 7.00 m
AK5189	AK5189	230V connection cable CEE7/7 male (angled) - C5 black 10.00 m

230V connection cable mains connector CEE7/7 male (angled) - C5 (angled)

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C5 angled female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5005	AK5005	230V connection cable CEE7/7 male (angled) - C5 (angled) 1.80 m

230V connection cable mains connector CEE7/7 male (angled) - C5 (angled)

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C5 angled female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5006	AK5006	230V connection cable CEE7/7 male (angled) - C5 (angled) 3.00 m
AK5007	AK5007	230V connection cable CEE7/7 male (angled) - C5 (angled) 5.00 m

230V connection cable mains connector CEE7/7 male - C19

Technical specifications

Connector A	: CEE 7/7 straight male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5147	AK5147	230V connection cable CEE7/7 male - C19 1.00 m
AK5022	AK5022	230V connection cable CEE7/7 male - C19 3.00 m
AK5148	AK5148	230V connection cable CEE7/7 male - C19 5.00 m

230V connection cable mains connector CEE7/7 male (angled) - C19 black

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5183	AK5183	230V connection cable CEE7/7 male (angled) - C19 black 0.60 m
AK5184	AK5184	230V connection cable CEE7/7 male (angled) - C19 black 1.20 m
AK5185	AK5185	230V connection cable CEE7/7 male (angled) - C19 black 1.80 m
AK5186	AK5186	230V connection cable CEE7/7 male (angled) - C19 black 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C19 red

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Red
Colour number	: RAL 3020
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5167	AK5167	230V connection cable CEE7/7 male (angled) - C19 red 0.60 m
AK5168	AK5168	230V connection cable CEE7/7 male (angled) - C19 red 1.20 m
AK5169	AK5169	230V connection cable CEE7/7 male (angled) - C19 red 1.80 m
AK5170	AK5170	230V connection cable CEE7/7 male (angled) - C19 red 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C19 blue

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Blue
Colour number	: RAL 5012
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5171	AK5171	230V connection cable CEE7/7 male (angled) - C19 blue 0.60 m
AK5172	AK5172	230V connection cable CEE7/7 male (angled) - C19 blue 1.20 m
AK5173	AK5173	230V connection cable CEE7/7 male (angled) - C19 blue 1.80 m
AK5174	AK5174	230V connection cable CEE7/7 male (angled) - C19 blue 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C19 green

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Green
Colour number	: RAL 6018
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5175	AK5175	230V connection cable CEE7/7 male (angled) - C19 green 0.60 m
AK5176	AK5176	230V connection cable CEE7/7 male (angled) - C19 green 1.20 m
AK5177	AK5177	230V connection cable CEE7/7 male (angled) - C19 green 1.80 m
AK5178	AK5178	230V connection cable CEE7/7 male (angled) - C19 green 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C19 yellow

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Yellow
Colour number	: RAL 1018
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5179	AK5179	230V connection cable CEE7/7 male (angled) - C19 yellow 0.60 m
AK5180	AK5180	230V connection cable CEE7/7 male (angled) - C19 yellow 1.20 m
AK5181	AK5181	230V connection cable CEE7/7 male (angled) - C19 yellow 1.80 m
AK5182	AK5182	230V connection cable CEE7/7 male (angled) - C19 yellow 3.00 m

230V extension cable Type F, IP 44

- High quality 230V extension cable with earthed plug, rubber cable suitable for outdoor use, IP44
- Rubber cable suitable for outdoor use, IP44

Technical specifications

Input connector	: CEE 7/7 straight male (x1)
Socket type	: Type F female (x1)
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Number of sockets	: 1

Type no.	Manufacturer no.	Description
BN2005	1161420	230V extension cable CEE7/7 male - CEE7/7 female IP 44, black 5.00 m
BN2010	1161450	230V extension cable CEE7/7 male - CEE7/7 female IP 44, black 10.00 m
BN2025	1161470	230V extension cable CEE7/7 male - CEE7/7 female IP 44, black 25.00 m

230V extension cable Type F, black

Technical specifications

Input connector	: CEE 7/7 straight male (x1)
Socket type	: Type F female (x1)
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Number of sockets	: 1

Type no.	Manufacturer no.	Description
BN3032	1165430	230V extension cable CEE7/7 male - CEE7/7 female. black 3.00 m
BN3033	1165440	230V extension cable CEE7/7 male - CEE7/7 female. black 5.00 m
BN3034	1165460	230V extension cable CEE7/7 male - CEE7/7 female. black 10.00 m

230V extension cable Type F, white

Technical specifications

Input connector	: CEE 7/7 straight male (x1)
Socket type	: Type F female (x1)
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Number of sockets	: 1

Type no.	Manufacturer no.	Description
BN3029	1168430	230V extension cable CEE7/7 male - CEE7/7 female. white 3.00 m
BN3030	1168440	230V extension cable CEE7/7 male - CEE7/7 female. white 5.00 m
BN3031	1168460	230V extension cable CEE7/7 male - CEE7/7 female. white 10.00 m

230V extension cable Type F, black

Technische specificaties

Input connector	: CEE 7/7 straight male (x1)
Socket type	: Type F female (x1)
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Rated current	: 16.00 A
Rated voltage	: 250.00 V

Type nr.	Manufacturer no.	Description
EW4003	EW4003	230V extension cable CEE7/7 male – CSS7/7 female, black 3m
EW4005	EW4005	230V extension cable CEE7/7 male – CSS7/7 female, black 5m
EW4010	EW4010	230V extension cable CEE7/7 male – CSS7/7 female, black 10m

Euro powercords

230V connection cable Euro male - C7 female black

Technical specifications

Connector A	: CEE 7/16 euro straight male (x1)
Connector B	: IEC 60320 C7 straight female (x1)
Conductor material	: Copper
Number of wires	: 2
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5020	AK5020	230V connection cable Euro male - C7 female black 1.50 m
AK5242	AK5242	230V connection cable Euro male - C7 female black 3 m

230V connection cable Euro male - C7 female white

Technical specifications

Connector A	: CEE 7/16 euro straight male (x1)
Connector B	: IEC 60320 C7 straight female (x1)
Conductor material	: Copper
Number of wires	: 2
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: White
Colour number	: RAL 9001
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5240	AK5240	230V connection cable Euro male - C7 female white 1.50 m
AK5241	AK5241	230V connection cable Euro male - C7 female white 3 m

230V connection cable Euro male - C7 female (angled down)

Technical specifications

Connector A	: CEE 7/16 euro straight male (x1)
Connector B	: IEC 60320 C7 angled female (x1)
Conductor material	: Copper
Number of wires	: 2
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5008	AK5008	230V connection cable Euro male - C7 female (angled down) 2.00 m

230V connection cable Euro male - C7 female (angled Left/Right)

Technical specifications

Connector A	: CEE 7/16 euro straight male (x1)
Connector B	: IEC 60320 C7 angled female (x1)
Conductor material	: Copper
Number of wires	: 2
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5019	AK5019	230V connection cable Euro male - C7 female (angled left/right) 2.00 m

Powercords - IEC 60320 powercords

IEC 60320 powercords

230V Powercord C14 to type F female for maximum 10A application, black.

- For maximum 10A applications

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: Type F female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Rated current	: 10.00 A
Rated voltage	: 250.00 V

Type no.	Manufacturer no.	Description
AK5219	AK5219	Length: 0.60 meter

230V connection cable C13 - C14 black

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5164	AK5164	230V connection cable C13 - C14 black 0.30 m
AK5029	AK5029	230V connection cable C13 - C14 black 0.60 m
AK5165	AK5165	230V connection cable C13 - C14 black 0.90 m
AK5120	AK5120	230V connection cable C13 - C14 black 1.20 m
AK5030	AK5030	230V connection cable C13 - C14 black 1.80 m

230V connection cable C13 - C14 black

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5031	AK5031	230V connection cable C13 - C14 black 3.00 m
AK5149	AK5149	230V connection cable C13 - C14 black 4.00 m
AK5032	AK5032	230V connection cable C13 - C14 black 5.00 m
AK5121	AK5121	230V connection cable C13 - C14 black 7.00 m
AK5122	AK5122	230V connection cable C13 - C14 black 10.00 m

230V connection cable C13 - C14 white

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: White
Colour number	: RAL 9010
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5243	AK5243	230V connection cable C13 - C14 white 0.60 m
AK5244	AK5244	230V connection cable C13 - C14 white 1.20 m
AK5245	AK5245	230V connection cable C13 - C14 white 1.80 m

230V connection cable C13 - C14 red

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Red
Colour number	: RAL 3020
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5104	AK5104	230V connection cable C13 - C14 red 0.60 m
AK5105	AK5105	230V connection cable C13 - C14 red 1.20 m
AK5106	AK5106	230V connection cable C13 - C14 red 1.80 m

230V connection cable C13 - C14 red

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Red
Colour number	: RAL 3020
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5107	AK5107	230V connection cable C13 - C14 red 3.00 m

230V connection cable C13 - C14 blue

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Blue
Colour number	: RAL 5012
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5108	AK5108	230V connection cable C13 - C14 blue 0.60 m
AK5109	AK5109	230V connection cable C13 - C14 blue 1.20 m
AK5110	AK5110	230V connection cable C13 - C14 blue 1.80 m

230V connection cable C13 - C14 blue

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Blue
Colour number	: RAL 5012
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5111	AK5111	230V connection cable C13 - C14 blue 3.00 m

230V connection cable C13 - C14 green

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Green
Colour number	: RAL 6018
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5112	AK5112	230V connection cable C13 - C14 green 0.60 m
AK5113	AK5113	230V connection cable C13 - C14 green 1.20 m
AK5114	AK5114	230V connection cable C13 - C14 green 1.80 m

230V connection cable C13 - C14 green

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Green
Colour number	: RAL 6018
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5115	AK5115	230V connection cable C13 - C14 green 3.00 m

230V connection cable C13 - C14 yellow

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Yellow
Colour number	: RAL 1018
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5116	AK5116	230V connection cable C13 - C14 yellow 0.60 m
AK5117	AK5117	230V connection cable C13 - C14 yellow 1.20 m
AK5118	AK5118	230V connection cable C13 - C14 yellow 1.80 m

230V connection cable C13 - C14 yellow

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Yellow
Colour number	: RAL 1018
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5119	AK5119	230V connection cable C13 - C14 yellow 3.00 m

230V LSZH connection cable C13 - C14 black

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: LSZH
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5214	AK5214	230V connection cable C13 - C14 black 1.20 m
AK5215	AK5215	230V connection cable C13 - C14 black 1.80 m

230V LSZH connection cable C13 - C14 black

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: LSZH
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5216	AK5216	230V connection cable C13 - C14 black 3.00 m
AK5217	AK5217	230V connection cable C13 - C14 black 5.00 m

230V connection cable C14 - C5 black

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C5 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5218	AK5218	230V connection cable C14 - C5 black 0.50 m
AK5028	AK5028	230V connection cable C14 - C5 black 2.00 m

230V connection cable C14 - C15 black

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C15 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: Neoprene
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5232	AK5232	230V connection cable C14 - C15 black 0.60 m
AK5233	AK5233	230V connection cable C14 - C15 black 1.20 m
AK5003	AK5003	230V connection cable C14 - C15 black 2.00 m
AK5234	AK5234	230V connection cable C14 - C15 black 2.50 m

230V connection cable C14 - C19 black

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5025	AK5025	230V connection cable C14 - C19 black 2.00 m

230V extension cable C19 - C20 black

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5085	AK5085	230V extension cable C19 - C20 black 0.60 m
AK5086	AK5086	230V extension cable C19 - C20 black 1.20 m
AK5023	AK5023	230V extension cable C19 - C20 black 2.00 m
AK5087	AK5087	230V extension cable C19 - C20 black 3.00 m

230V extension cable C19 - C20 red

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Red
Colour number	: RAL 3020
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5088	AK5088	230V extension cable C19 - C20 red 0.60 m
AK5089	AK5089	230V extension cable C19 - C20 red 1.20 m
AK5090	AK5090	230V extension cable C19 - C20 red 1.80 m
AK5091	AK5091	230V extension cable C19 - C20 red 3.00 m

230V extension cable C19 - C20 blue

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Blue
Colour number	: RAL 5012
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5092	AK5092	230V extension cable C19 - C20 blue 0.60 m
AK5093	AK5093	230V extension cable C19 - C20 blue 1.20 m
AK5094	AK5094	230V extension cable C19 - C20 blue 1.80 m
AK5095	AK5095	230V extension cable C19 - C20 blue 3.00 m

230V extension cable C19 - C20 green

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Green
Colour number	: RAL 6018
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5096	AK5096	230V extension cable C19 - C20 green 0.60 m
AK5097	AK5097	230V extension cable C19 - C20 green 1.20 m
AK5098	AK5098	230V extension cable C19 - C20 green 1.80 m
AK5099	AK5099	230V extension cable C19 - C20 green 3.00 m

230V extension cable C19 - C20 yellow

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Yellow
Colour number	: RAL 1018
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5100	AK5100	230V extension cable C19 - C20 yellow 0.60 m
AK5101	AK5101	230V extension cable C19 - C20 yellow 1.20 m
AK5102	AK5102	230V extension cable C19 - C20 yellow 1.80 m
AK5103	AK5103	230V extension cable C19 - C20 yellow 3.00 m

230V connection cable CEE1 - C19

Technical specifications

Connector A	: IEC 60309 2P+E straight male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5021	AK5021	230V connection cable CEE1 - C19 2.50 m

230V connection cable C13 - C20

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5026	AK5026	230V connection cable C13 - C20 2.00 m

Powercords - Split cables

Split cables

230V split cable mains connector CEE7/7 male (angled) - 2 x C13 splitting at: 1.00 m

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x2)
Cable before junction	: 3x 1,00 mm²
Cable after junction	: 3x 0,75 mm²
Conductor material	: Copper
Number of wires	: 3
Total Length	: 1.80 m
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5050	AK5050	230V split cable CEE7/7 male - 2 x C13 splitting at: 1.00 m

230V split cable mains connector CEE7/7 male (angled) - 2 x C13 splitting at: 1.20 m

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x2)
Cable before junction	: 3x 1,00 mm²
Cable after junction	: 3x 0,75 mm²
Conductor material	: Copper
Number of wires	: 3
Total Length	: 1.80 m
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5055	AK5055	230V split cable CEE7/7 male - 2 x C13 splitting at: 1.20 m

230V split cable mains connector CEE7/7 male angled - 1 x C13 + 1 x C5

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: 1 x IEC 60320 C13 female + 1 x C5
Cable before junction	: 3x 1,00 mm²
Cable after junction	: 3x 0,75 mm²
Conductor material	: Copper
Number of wires	: 3
Total Length	: 1.80 m
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5166	AK5166	230V split cable CEE7/7 male (angled) - 1 x C13 + 1 x C5 splitting at: 1.00 m

230V split cable mains connector CEE7/7 male (angled) - 2 x C5

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C5 straight female (x2)
Cable before junction	: 3x 1,00 mm²
Cable after junction	: 3x 0,75 mm²
Conductor material	: Copper
Number of wires	: 3
Total Length	: 1.80 m
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5208	AK5208	230V split cable CEE7/7 male (angled) - 2 x C5 1.80 m

230V split cable C14 - 2 x C13

Technical specifications

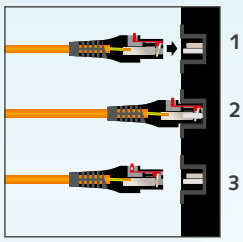
Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C13 angled female (x2)
Splitting at	: 1.00 m
Cable before junction	: 3x 1,00 mm²
Cable after junction	: 3x 0,75 mm²
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 6.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5052	AK5052	230V split cable C14 - 2 x C13 splitting at: 1.00 m

IEC Lock and IEC Lock+ power cables

Benefits of IEC Lock and IEC Lock + power cables

What are IEC Lock power cables?
The IECLock and IECLock + connectors protect your equipment against power outages, increasing operational reliability. The cables have a red lug at the top of the connector, when you release the lug when plugging in, the connector will clamp to your equipment. This locking method makes it possible to use IEC Lock in combination with all standard IEC inlets.



Roadmap:
step 1 - Plug the connector into the standard C14 IEC chassis part. The connector is immediately fixed.
step 2 - The connector can not be pulled out accidentally

step 3 - Slide the red lug back to unlock the connector.

What are IEC Lock + power cords?
IEC Lock+ is further developed from IEC Lock and has in addition the unlocking lug also a pull-out. With this pull-out it is possible to more easily unlock connectors that are close to each other.

RELEASE LOCKING MECHANISM

PREVENTS ACCIDENTAL DISCONNECTION

C13 LOCKABLE CONNECTOR

SUITABLE FOR USE WITH ANY C14 INLET

IEC Lock angles cables and rewireable connectors

IEC Lock angled cables and rewireable connectors

IEC Lock solutions prevent unwanted power outages in mission-critical applications where available connection space is limited. In addition, these solutions provide protection against discharge vibrations and damage to equipment. The IEC Lock+ range includes lockable cables with left, right, top and bottom cable outlets.

IEC Lock cables

230V connection cable mains connector CEE7/7 male (angled) - C13 IEC Lock+ black

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5150	EL341S	230V connection cable mains connector CEE7/7 male (angled) - C13 IEC Lock+ black 1.00 m
AK5151	EL332S	230V connection cable mains connector CEE7/7 male (angled) - C13 IEC Lock+ black 2.00 m

230V Powercord CEE 7/7 male(angled) to C13 (down angled) lockable, black.

- Unique female C13 down angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5255	EL449S	Length: 1.00 m
AK5256	EL453S	Length: 2.00 m
AK5257	EL457S	Length: 3.00 m

230V Powercord CEE 7/7 male(angled) to C13 (left angled) lockable, black.

- Unique female C13 left angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5258	EL447S	Length: 1.00 m
AK5259	EL451S	Length: 2.00 m
AK5260	EL455S	Length: 3.00 m

230V Powercord CEE 7/7 male(angled) to C13 (right angled) lockable, black.

- Unique female C13 right angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5261	EL446S	Length: 1.00 m
AK5262	EL450S	Length: 2.00 m
AK5263	EL454S	Length: 3.00 m

230V Powercord CEE 7/7 male(angled) to C13 (up angled) lockable, black.

- Unique female C13 up angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5264	EL448S	Length: 1.00 m
AK5265	EL452S	Length: 2.00 m
AK5266	EL456S	Length: 3.00 m

230V connection cable C13 IEC Lock+ - C14 black

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5153	PC1524	230V connection cable C13 IEC Lock+ - C14 black 0.50 m
AK5154	PC1525	230V connection cable C13 IEC Lock+ - C14 black 1.00 m
AK5156	PC1526	230V connection cable C13 IEC Lock+ - C14 black 2.00 m
AK5158	PC1527	230V connection cable C13 IEC Lock+ - C14 black 3.00 m

230V Powercord C14 to C13 (down angled) lockable, black.

- Unique female C13 down angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5267	PC2044	Length: 1.00 m
AK5268	PC2048	Length: 2.00 m
AK5269	PC2052	Length: 3.00 m

230V Powercord C14 to C13 (left angled) lockable, black.

- Unique female C13 left angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5270	PC2042	Length: 1.00 m
AK5271	PC2046	Length: 2.00 m
AK5272	PC2050	Length: 3.00 m

230V Powercord C14 to C13 (right angled) lockable, black.

- Unique female C13 right angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5273	PC2041	Length: 1.00 m
AK5274	PC2045	Length: 2.00 m
AK5275	PC2049	Length: 3.00 m

230V Powercord C14 to C13 (up angled) lockable, black.

- Unique female C13 up angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C14 straight male (x1)
Connector B	: IEC 60320 C13 angled female (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5276	PC2043	Length: 1.00 m
AK5277	PC2047	Length: 2.00 m
AK5278	PC2051	Length: 3.00 m

230V Powercord C13 (down angled) lockable to open end, black.

- Unique female C13 down angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 angled female (x1)
Connector B	: Open end (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5281	PC2056	Length: 1.00 m
AK5282	PC2060	Length: 2.00 m
AK5283	PC2064	Length: 3.00 m

230V Powercord C13 (left angled) lockable to open end black.

- Unique female C13 left angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 angled female (x1)
Connector B	: Open end (x?)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5286	PC2054	Length: 1.00 m
AK5287	PC2058	Length: 2.00 m
AK5288	PC2062	Length: 3.00 m

230V Powercord C13 (right angled) lockable to open end black.

- Unique female C13 right angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 angled female (x1)
Connector B	: Open end (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5289	PC2053	Length: 1.00 m
AK5290	PC2057	Length: 2.00 m
AK5291	PC2061	Length: 3.00 m

230V Powercord C13 (up angled) lockable to open end black.

- Unique female C13 up angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 angled female (x1)
Connector B	: Open end (x1)
Locking	: IEC lock+
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ENEC 05, KEMA, PSE, SAA

Type no.	Manufacturer no.	Description
AK5292	PC2055	Length: 1.00 m
AK5293	PC2059	Length: 2.00 m
AK5294	PC2063	Length: 3.00 m

230V connection cable mains connector CEE7/7 male (angled) - C13 lockable black

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5057	EL249S	230V connection cable CEE 7/7 male(angled) - C13 lockable black 1.00m
AK5040	EL182S	230V connection cable CEE 7/7 male(angled) - C13 lockable black 2.00m
AK5041	EL234S	230V connection cable CEE 7/7 male(angled) - C13 lockable black 3.00m

230V connection cable mains connector CEE7/7 male (angled) - C13 lockable orange

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Orange, RAL 2010
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5039	EL247S	230V CEE 7/7 male (angled) - C13 lockable orange 2.00 m

230V connection cable mains connector CEE7/7 male (angled) - C19 lockable black

- Unique female C19 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5043	EL262S	230V connection cable mains connector CEE7/7 male (angled) - C19 lockable black 2.00 m

230V connection cable C13 lockable - C14 black

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5190	PC1002	230V connection cable C13 lockable - C14 black 0.50 m
AK5033	PC1024	230V connection cable C13 lockable - C14 black 1.00 m
AK5191	PC1003	230V connection cable C13 lockable - C14 black 1.50 m
AK5034	PC1021	230V connection cable C13 lockable - C14 black 2.00 m
AK5035	PC1022	230V connection cable C13 lockable - C14 black 3.00 m

230V connection cable C13 lockable - C14 red

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Red, RAL 3020
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5192	PC1384	230V connection cable C13 lockable - C14 red 0.50 m
AK5193	PC1385	230V connection cable C13 lockable - C14 red 1.00 m
AK5194	PC1476	230V connection cable C13 lockable - C14 red 1.50 m
AK5195	PC1386	230V connection cable C13 lockable - C14 red 2.00 m
AK5196	PC1387	230V connection cable C13 lockable - C14 red 3.00 m

230V connection cable C13 lockable - C14 blue

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Blue, RAL 5015
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5197	PC1109	230V connection cable C13 lockable - C14 blue 0.50 m
AK5198	PC1086	230V connection cable C13 lockable - C14 blue 1.00 m
AK5199	PC1125	230V connection cable C13 lockable - C14 blue 1.50 m
AK5200	PC962	230V connection cable C13 lockable - C14 blue 2.00 m
AK5201	PC963	230V connection cable C13 lockable - C14 blue 3.00 m

230V connection cable C13 lockable - C14 orange

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: IEC 60320 C14 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Orange, RAL 2010
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5036	PC938	230V connection cable C13 lockable - C14 orange 1.00 m
AK5037	PC940	230V connection cable C13 lockable - C14 orange 2.00 m
AK5038	PC942	230V connection cable C13 lockable - C14 orange 3.00 m

230V connection cable C13 lockable - open end black

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C13 straight female (x1)
Connector B	: Open end (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5080	PC1025	230V connection cable C13 lockable - open end black 2.00 m
AK5082	PC979	230V connection cable C13 lockable - open end black 3.00 m
AK5084	PC1026	230V connection cable C13 lockable - open end black 4.00 m

230V connection cable C19 lockable - C20 black

- Unique female C19 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5044	PC1284	230V connection cable C19 lockable - C20 black 1.00 m
AK5045	PC1285	230V connection cable C19 lockable - C20 black 2.00 m
AK5046	PC1286	230V connection cable C19 lockable - C20 black 3.00 m

230V connection cable C19 lockable - C20 red

- Unique female C19 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Red, RAL 3020
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5202	PC1401	230V connection cable C19 lockable - C20 red 1.00 m
AK5203	PC1402	230V connection cable C19 lockable - C20 red 2.00 m
AK5204	PC1403	230V connection cable C19 lockable - C20 red 3.00 m

230V connection cable C19 lockable - C20 blue

- Unique female C19 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: IEC 60320 C20 straight male (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Blue, RAL 5015
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5205	PC1357	230V connection cable C19 lockable - C20 blue 1.00 m
AK5206	PC1358	230V connection cable C19 lockable - C20 blue 2.00 m
AK5207	PC1376	230V connection cable C19 lockable - C20 blue 3.00 m

230V connection cable C19 lockable - open end black

- Unique female C19 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: IEC 60320 C19 straight female (x1)
Connector B	: Open end
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: CE, VDE

Type no.	Manufacturer no.	Description
AK5047	PC1173	230V connection cable C19 lockable - open end black 1.00 m
AK5048	PC1174	230V connection cable C19 lockable - open end black 2.00 m
AK5049	PC1175	230V connection cable C19 lockable - open end black 3.00 m

230V connection cable UK plug - C13 lockable

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: UK mains plug (type G) angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 5.00 A
Rated voltage	: 250.00 V
Approval	: ASTA, BSI, CE, VDE

Type no.	Manufacturer no.	Description
AK5059	PC980	230V connection cable UK male - C13 lockable 2.00 m

230V connection cable UK plug - C19 lockable

- Unique female C19 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: UK mains plug (type G) angled male (x1)
Connector B	: IEC 60320 C19 straight female (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 13.00 A
Rated voltage	: 250.00 V
Approval	: ASTA, BSI, CE

Type no.	Manufacturer no.	Description
AK5061	PC1214	230V connection cable UK male - C19 lockable 2.00 m

120V connection cable USA plug - C13 lockable

- Unique female C13 connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Connector A	: USA mains plug (type A) straight male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Locking	: IEC lock
Conductor material	: Copper
Number of wires	: 3
Wire gauge	: 18 AWG
Outer jacket	: PVC
Cable colour	: Black, RAL 9011
Rated current	: 10.00 A
Rated voltage	: 120.00 V
Approval	: CE, CSA, UL

Type no.	Manufacturer no.	Description
AK5063	PC1063	230V connection cable USA male - C13 lockable 2.00 m

International powercords

230V connection cable UK plug - C5

Technical specifications

Connector A	: UK mains plug (type G) angled male (x1)
Connector B	: IEC 60320 C5 straight female (x1)
Fuse	: 3 A
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 3.00 A
Rated voltage	: 250.00 V
Approval	: ASTA, BSI

Type no.	Manufacturer no.	Description
AK5072	AK5072	230V connection cable UK plug - C5 1.80 m

230V connection cable UK plug - C7

Technical specifications

Connector A	: UK mains plug (type G) angled male (x1)
Connector B	: IEC 60320 C7 straight female (x1)
Fuse	: 3A
Conductor material	: Copper
Number of wires	: 2
Wire gauge (mm²)	: 0.75 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 250.00 V
Approval	: ASTA, BSI

Type no.	Manufacturer no.	Description
AK5070	AK5070	230V connection cable UK plug - C7 1.80 m

230V connection cable UK plug - C13

Technical specifications

Connector A	: UK mains plug (type G) angled male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Fuse	: 13 A
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: ASTA, BSI

Type no.	Manufacturer no.	Description
AK5060	AK5060	230V connection cable UK plug - C13 2.50 m

120V connection cable USA plug - C5

Technical specifications

Connector A	: USA mains plug (type A) straight male (x1)
Connector B	: IEC 60320 C5 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (AWG)	: 18.00
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 120.00 V
Approval	: CSA, UL

Type no.	Manufacturer no.	Description
AK5076	AK5076	120V connection cable USA plug - C5 1.80 m

120V connection cable USA plug - C7

Technical specifications

Connector A	: USA mains plug (type A) male (x1)
Connector B	: IEC 60320 C7 straight female (x1)
Conductor material	: Copper
Number of wires	: 2
Wire gauge (AWG)	: 18.00
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 2.50 A
Rated voltage	: 120.00 V
Approval	: CSA, UL

Type no.	Manufacturer no.	Description
AK5074	AK5074	120V connection cable USA plug - C7 1.80 m

120V connection cable USA plug - C13

Technical specifications

Connector A	: USA mains plug (type A) male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (AWG)	: 18
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 120.00 V
Approval	: CSA, UL

Type no.	Manufacturer no.	Description
AK5062	AK5062	120V connection cable USA plug - C13 2.50 m

230V connection cable Danish plug - C13

Technical specifications

Connector A	: Danish mains plug (type K) male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: DEMKO

Type no.	Manufacturer no.	Description
AK5064	AK5064	230V connection cable Danish plug - C13 2.50 m

230V connection cable Italian plug - C13

Technical specifications

Connector A	: Italian mains plug (type L) male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: IMQ

Type no.	Manufacturer no.	Description
AK5066	AK5066	230V connection cable Italian plug - C13 2.50 m

230V connection cable Swiss plug - C13

Technical specifications

Connector A	: Swiss mains plug (type J) male (x1)
Connector B	: IEC 60320 C13 straight female (x1)
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.00 mm²
Outer jacket	: PVC
Cable colour	: Black
Colour number	: RAL 9011
Rated current	: 10.00 A
Rated voltage	: 250.00 V
Approval	: S+

Type no.	Manufacturer no.	Description
AK5068	AK5068	230V connection cable Swiss plug - C13 2.50 m

USB Type-C: the latest USB standard

Type-C: the connector that will make all other USB connectors unnecessary

With the announcement of USB Type-C, there is a new standard USB plug also called connector that puts an end to the various connections. With Type-C only one connector is needed.

At this moment many USB connectors have a type A side, for example in computers, and a smaller type B side, which goes in phones or tablets. With the Type-C connector you connect all other USB devices: such as your mouse, keyboard, your smartphone, external hard disks and even your monitor.

Type-C: compact and reversible

The USB Type-C connector is just like the current micro USB connector very compact. It is expected that USB ports in devices, such as laptops, will become a lot smaller in the future. The connector has no top or bottom, so there are two ways to insert it into a device.

Type-C: a fast way of charging with USB Power Delivery (PD)

USB Power Delivery (PD), for example, charges a smartphone up to 70% faster than traditional USB chargers. An intelligent chip recognises the device and automatically communicates the correct amount of charge current. Both the device and the charger must support PD to charge faster. Type-C can supply power in two directions without having to change the direction of the cable. This makes it possible, for example, to charge a phone with a tablet, or vice versa.

Type-C: connecting monitors up to 4K. Display Alternate Mode (DP Mode)

With Type-C it is possible to transmit video with a 4K resolution or more through the USB cable, allowing it to also function as a monitor connection. One monitor with 4K resolution or multiple monitors with a lower resolution can be connected. For this purpose the Display Alternate Mode (DP mode) technology is used. Check if your laptop or PC supports this.

The Alternate Mode ensures that multiple signals are transmitted simultaneously via the USB-C cable. For example power, data, image and audio.

Type-C: the fastest data transfer with USB Superspeed+ (USB 3.1 Generation 2

The USB standard USB 3.1 Generation 2 was introduced at the same time as the USB Type-C and allows speeds up to 10Gbps. This fast new standard is also called USB Superspeed+.

Type-C : Thunderbolt 3 support

Thunderbolt 3 uses the Type-C connector and enables even higher throughput speeds. While the USB SuperSpeed+ (USB 3.1 Generation 2) allows up to 10Gbps by default, Thunderbolt 3 delivers speeds up to 40Gbps. It is also possible to power and display two 4K monitors at the same time. Please check that the laptop, peripherals and cable support Thunderbolt 3.

Type-C : Video output over USB-C for tablets and phones

In the past, some Android phones had support for MHL "Mobile High Definition Link". In order to use MHL, you had to purchase a special MHL cable and your TV/monitor/beamer had to support MHL as well.
Now more and more phones are released that support "Display over USB" so you can easily convert the image to your TV/ monitor/beamer via your USB type-C video converter.

- New standard compact connector
- Support a transfer speed of up to 20 Gbps
- Compatible with all other USB devices

USB-C and MST (several separate screens on 1 USB-C port

Within the USB-C, the DP-alt mode (DisplayPort alternate mode) may be supported by the laptop/PC. When this is the case, it will also support MST, and you can use a USB-C to MST adapter. This adapter has multiple video outputs that you can use to connect multiple monitors (even if they don't support MST) in one MST (daisy-chain).
Now the connected screens can be recognized as separate screens on a laptop/PC and used as an extended desktop.

MST on macOS
CAUTION: macOS does not support MST Daisy-chaining. macOS only supports Daisy-chaining with the Thunderbolt 3 standard. So the MST adapters will not provide the desired result for macOS devices, in this case the connected screens will only show a clone (copy) of the main screen on the connected screens also called SST (Single Stream Transport).

Type-C : not the same as USB 3.1
Type-C and USB 3.1 are wrongly used interchangeably.
Type-C is a new connector and USB 3.1 is a new USB standard.

Type-C for you in summary
- New standard compact connector.
- Supports a transfer speed of up to 10 Gbps.
- Compatible with all other USB devices.
- Faster charging by PD and two-way power supply provided.
- Ability to make video with a 4K resolution or more by the USB cable.
- Alternate Mode (DP Mode) for simultaneous picture, audio and data.
- Thunderbolt 3 for even faster data throughput and 4K support
  on two monitors.

What generations of USB are there?
USB is the standard for connecting peripherals such as mice, keyboards, external hard drives. USB connections are also used for charging smartphones and tablets. There are multiple generations of USB and multiple connectors. The name of the connectors has been changed a number of times over the years. This can lead to confusion and ambiguity.

Below is an overview of the current names:
- USB 2.0 also called Hi-Speed was the successor of USB 1.0 and USB 1.1. The speed is 480Mbps.
- USB 3.2 Gen 1 is called SuperSpeed Usb and has a speed up to 5Gbps. Previous names: USB 3.1 generation 1 and USB 3.0.
- USB 3.2 Gen 2 is called SuperSpeed Usb 10Gbit/s and has a speed up to 10Gbps. Previous names: USB 3.1 gene 2 and SuperSpeed+.
- USB 3.2 Gen 2x2 is called SuperSpeed Usb 20Gbit/s and has a speed up to 20Gbit/s. The latter only works with the USB-C connector.

USB cables

USB 3.1 cables

USB 3.1 Gen1 (3.0) connection cable C male - C male

- Double shielded cable

Technical specifications

USB Type-C	: Yes
Connector A	: USB C male (x1)
Connector B	: USB C male (x1)
Conductor material	: Copper
Wire gauge	: 32 AWG
Cable colour	: Black
Max. power	: 15.00 W
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed	: 5 Gbps

Type no.	Manufacturer no.	Description
SB0011	SB0011	USB 3.1 generation 1 connection cable C male - C male 1,00 m
SB0029	SB0029	USB 3.1 generation 1 connection cable C male - C male 2,00 m

USB 3.1 Gen1 (3.0) connection cable C male - A male

- Double shielded cable

Technical specifications

USB Type-C	: Yes
Connector A	: USB C male (x1)
Connector B	: USB A male (x1)
Wire gauge	: 32 AWG
Cable colour	: Black
Max. power	: 4.50 W
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed	: 5 Gbps

Type no.	Manufacturer no.	Description
SB0012	SB0012	USB 3.1 generation 1 connection cable C male - A male 1,00 m

USB 3.1 Gen2 (3.0) connection cable C male - C male

Deze Type C USB 3.1 Gen 2 aansluitkabel ondersteunt Thunderbolt 3

- Support Thunderbolt 3
- Double shielded cable

Technical specifications

USB Type-C	: Yes
Connector A	: USB C male (x1)
Connector B	: USB C male (x1)
Conductor material	: Copper
Wire gauge	: 32 AWG
Cable colour	: Black
Max. power	: 100.00 W
USB version	: USB 3.1 - SuperSpeed 10Gbit/s (USB 3.2 Gen 2)
Speed	: 10 Gbps

Type no.	Manufacturer no.	Description
SB0028	SB0028	USB 3.1 generation 2 connection cable C male - C male 1,00 m

USB 3.1 Gen1 (3.0) connection cable A male - A male

- Double shielded cable

Technical specifications

Connector A : USB A male (x1)
Connector B : USB A male (x1)
Conductor material : Copper
Wire gauge : 22 AWG
Cable colour : Black
USB version : USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed : 5 Gbps

Type no.	Manufacturer no.	Description
SB3002	SB3002	USB 3.0 A male - USB A male 2,00 m
SB3003	SB3003	USB 3.0 A male - USB A male 3,00 m
SB3005	SB3005	USB 3.0 A male - USB A male 5,00 m

USB 3.1 Gen1 (3.0) connection cable A male - A male

Technical specifications

Connector A : USB A male (x1)
Connector B : USB A male (x1)
Conductor material : Copper
Wire gauge : 28 AWG
Cable colour : Black
USB version : USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed : 5 Gbps

Type no.	Manufacturer no.	Description
SB3010	SB3010	USB 3.0 A male - USB A male 0,50 m
SB3011	SB3011	USB 3.0 A male - USB A male 1,00 m
SB3013	SB3013	USB 3.0 A male - USB A male 2,00 m
SB0001	SB0001	USB 3.0 A male - USB A male 3,00 m
SB0002	SB0002	USB 3.0 A male - USB A male 5,00 m

USB 3.1 Gen1 (3.0) extension cable USB A male - USB A female

Technical specifications

Connector A : USB A male (x1)
Connector B : USB A female (x1)
Conductor material : Copper
Wire gauge : 28 AWG
Cable colour : Black
USB version : USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed : 5 Gbps

Type no.	Manufacturer no.	Description
SB3040	SB3040	USB 3.0 A male - USB A female 0,50 m
SB3041	SB3041	USB 3.0 A male - USB A female 1,00 m
SB3042	SB3042	USB 3.0 A male - USB A female 1,50 m
SB3043	SB3043	USB 3.0 A male - USB A female 2,00 m

USB 3.1 Gen1 (3.0) connection cable A male - B male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB 3 B male (x1)
Conductor material	: Copper
Wire gauge	: 28 AWG
Cable colour	: Black
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed	: 5 Gbps

Type no.	Manufacturer no.	Description
SB3016	SB3016	USB 3.0 A male - USB B male 0,50 m
SB3017	SB3017	USB 3.0 A male - USB B male 1,00 m
SB3019	SB3019	USB 3.0 A male - USB B male 2,00 m
SB0003	SB0003	USB 3.0 A male - USB B male 3,00 m

USB 3.1 Gen1 (3.0) connection cable A male - B male

- Thicker power wires (AWG24)

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB 3 B male (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Black
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed	: 5 Gbps

Type no.	Manufacturer no.	Description
SB0004	SB0004	USB 3.0 A male - USB B male 5,00 m

USB 3.1 Gen1 (3.0) connection cable A male - Micro B male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB 3 micro B male (x1)
Conductor material	: Copper
Wire gauge	: 28 AWG
Cable colour	: Black
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed	: 5 Gbps

Type no.	Manufacturer no.	Description
SB3028	SB3028	USB 3.0 A male - USB micro B male 0,50 m
SB3029	SB3029	USB 3.0 A male - USB micro B male 1,00 m
SB3031	SB3031	USB 3.0 A male - USB micro B male 2,00 m

USB 2.0 connection cable C male - A male

- USB C to Macbook or phone , USB A to charger or PC.
- Double shielded cable

Technical specifications

USB Type-C	: Yes
Connector A	: USB C male (x1)
Connector B	: USB A male (x1)
Conductor material	: Copper
Wire gauge	: 28 AWG
Cable colour	: Black
Max. power	: 4.50 W
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB0014	SB0014	USB connection cable C male - USB 2.0 A male 1,00 m

USB C adapter cables

ACT USB-C Video adapters

With Type-C it's possible to send video with a 4K resolution or higher through the USB cable (Type-C can function as a display connection). You can connect one monitor with 4K resolution or multiple monitors with a lower resolution with our USB-C video adapters (your laptop or PC need to support Alternate Mode technology). The Alternate Mode ensures that multiple signals are sent simultaneously via the USB-C cable. For example, power, data, image and audio.

Type-C: a fast way to charge with USB Power Delivery (PD)
USB Power Delivery (PD) charges a smartphone up to 70% faster compared to traditional USB chargers. An intelligent chip recognizes the device and automatically communicates the correct amount of charging current. Both the device as the charger must support PD to charge faster. Type-C can supply power in two directions, without having to change the direction of the cable. This makes it possible to charge, for example, a telephone with a tablet, or vice versa.

Type no.	AC7010	AC7015	AC7020	AC7012
Description	USB-C to HDMI adapter, 4K @ 60Hz	USB-C to HDMI connection cable1.8m, 4K @ 60Hz	USB-C to HDMI adapter with PD Pass-Through, 4K @ 60Hz	USB-C to HDMI Dual monitor MST adapter, 4K @ 60Hz
Connections	USB, HDMI	USB, HDMI	USB, HDMI	USB, HDMI
Input	USB C male	USB C male	USB C male	USB C male
Output	HDMI A (full-size) female (x1)	HDMI A (full-size) male (x1)	HDMI A (full-size) female (x1)	HDMI A (full-size) female (x2)
Cable part length (m)	0.15	1.8	0.15	0.13
Power Delivery	No	No	1	No
4K compatible	Yes	Yes	Yes	Yes
Max. resolution @ 60Hz	4096 x 2160	4096 x 2160	4096 x 2160	4096 x 2160
Video signal	HDMI	HDMI	HDMI	HDMI
Video specifications	HDMI 2.0	HDMI 2.0	HDMI 2.0	HDMI 2.0
Video support	HDCP	HDCP	HDCP	HDCP
USB compatibility	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)
Data transfer rate	5 Gbps	5 Gbps	5 Gbps	5 Gbps
Chipset	VL100+PS176	VL100+PS176	VL102+PS176	VL100+LT8712EXI
System requirements	DP Alt mode	DP Alt mode	DP Alt mode	DP Alt mode
Material housing	Aluminium	Aluminium	Aluminium	Aluminium

ACT USB-C Video adapters

USB-C and MST
Within the USB-C it is possible that the DP-alt mode (DisplayPort alternate mode) is supported by your laptop / PC. If this is the case it will also support MST, and you can choose to use a USB-C to MST adapter, this adapter has multiple video outputs that you can use to have multiple monitors (even if the monitors don't support MST) to connect to a MST (daisy chain). The connected screens can now be recognized as separate screens on your laptop / PC and be used as an extended desktop.

MST on macOS
Please note! macOS does not support MST Daisy chaining. macOS only supports Daisy-chaining with the Thunderbolt 3 standard. So the MST adapters will not provide the desired result for macOS devices, the connected screens in this case only show a clone (copy) of your main screen on the connected screens also called SST (Single Stream Transport).

Type no.	AC7030	AC7035	AC7000
Description	USB-C to DisplayPort adapter, 4K @ 60Hz	USB-C to DisplayPort connection cable 1.8m, 4K @ 60Hz	USB-C to VGA adapter
Connections	USB, DisplayPort	USB, DisplayPort	USB, VGA
Input	USB C male	USB C male	USB C male
Output	DisplayPort female (x1)	DisplayPort male (x1)	VGA HD D-sub female 15-pin female (x1)
Cable part length (m)	0.15	1.8	0.15
Power Delivery	No	No	No
4K compatible	Yes	Yes	No
Max. resolution @ 60Hz	4096 x 2160	4096 x 2160	1920 x 1080
Video signal	DisplayPort	DisplayPort	VGA
Video specifications	DisplayPort 1.2	DisplayPort 1.2	VGA
Video support	-	-	-
USB compatibility	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)
Data transfer rate	5 Gbps	5 Gbps	5 Gbps
Chipset	VL100	VL100+IT6516BFN	VL100+IT6516BFN
System requirements	DP Alt mode	DP Alt mode	DP Alt mode
Material housing	Aluminium	Aluminium	Aluminum

USB Type C to HDMI male conversion cable 4K/60Hz

- The USB C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB C port. (like MacBook)

Technical specifications

USB Type-C	: Yes
Speed	: 5 Gbps
HDMI standard	: 1.4
Max. video resolution @ 60Hz	: 2160p
Connections	: USB
Connections (computer)	: USB C male (x1)
Connections (display)	: HDMI A (full-size) male (x1)
Video signal	: HDMI, USB-C (Alt mode)
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Chipset	: Not specified by manufacturer
System requirements	: USB Alternate mode

Type no.	Manufacturer no.	Description
SB0030	SB0030	USB Type C to HDMI male conversion cable 4K/60Hz, 2 meter

USB Type C to DisplayPort female converter 4K/60Hz

- The USB C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB C port. (like MacBook)

Technical specifications

USB Type-C	: Yes
Speed	: 5 Gbps
Connections	: USB
Connections (computer)	: USB C male (x1)
Connections (display)	: DisplayPort female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video signal	: DisplayPort, USB-C (Alt mode)
Video specification	: DisplayPort 1.2
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Chipset	: Not specified by manufacturer
System requirements	: USB Alternate mode

Type no.	Manufacturer no.	Description
SB0020	SB0020	USB type C to DisplayPort female converter

USB Type C to DisplayPort male conversion cable 4K/60Hz

- The USB C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB C port. (like MacBook)

Technical specifications

USB Type-C	: Yes
Speed	: 5 Gbps
Connections	: USB
Connections (computer)	: USB C male (x1)
Connections (display)	: DisplayPort male (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Max. resolution @ 60Hz	: 2160p
Video signal	: DisplayPort, USB-C (Alt mode)
Video specification	: DisplayPort 1.2
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Chipset	: Not specified by manufacturer
System requirements	: USB Alternate mode

Type no.	Manufacturer no.	Description
SB0031	SB0031	USB Type C to DisplayPort male conversion cable 4K/60Hz, 2 meter

USB Type C to Mini DisplayPort female converter

- The USB C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB C port. (like MacBook)

Technical specifications

USB Type-C	: Yes
Speed	: 5 Gbps
DisplayPort standard	: 1.3
Max. resolution @ 30Hz	: 4096 x 2160
Connections	: DisplayPort, USB
Connections (computer)	: USB C male (x1)
Connections (display)	: Mini DisplayPort female (x1)
Video signal	: DisplayPort, USB-C (Alt mode)
Video specification	: DisplayPort 1.3
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Chipset	: Not specified by manufacturer
System requirements	: USB Alternate mode

Type no.	Manufacturer no.	Description
SB0021	SB0021	USB type C to Mini DisplayPort female converter

USB Type C to DVI male conversion cable 4K/30Hz

- The USB C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB C port. (like MacBook)

Technical specifications

USB Type-C	: Yes
Speed	: 5 Gbps
Connections	: USB
Connections (computer)	: USB C male (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Video signal	: DVI, USB-C (Alt mode)
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Chipset	: Not specified by manufacturer
System requirements	: USB Alternate mode

Type no.	Manufacturer no.	Description
SB0033	SB0033	USB Type C to DVI male conversion cable 4K/30Hz, 2 meter

USB Type C to VGA conversion cable

- The USB C port need to support DisplayPort alternate mode which can be regognized by the DP logo near the USB C port. (like MacBook)

Technical specifications

USB Type-C	: Yes
Speed	: 5 Gbps
Connections	: USB
Connections (computer)	: USB C male (x1)
Connections (display)	: VGA HD D-sub 15-pin male (x1)
Max. resolution @ 30Hz	: 1080p
Max. resolution @ 60Hz	: 1080p
Video signal	: USB-C (Alt mode), VGA
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Chipset	: Not specified by manufacturer
System requirements	: USB Alternate mode

Type no.	Manufacturer no.	Description
SB0032	SB0032	USB Type C to VGA conversion cable, 2 meter

USB C to VGA converter

- The USB Type-C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB Type-C port. (like MacBook)

Technical specifications

Connector A	: USB C male
Connector B	: VGA female
USB Standard	: USB 3.1 generation 1
Speed	: 5 Gbps
Type-C	: Yes
Max. resolution @ 30Hz	: 1920 x 1080

Type no.	Manufacturer no.	Description
EW9821	EW9821	USB Type-C to VGA female converter

USB C to HDMI 4K @ 30Hz converter

- The USB Type-C port needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB Type-C port. (like MacBook)

Technical specifications

Connector A	: USB C male
Connector B	: HDMI female
USB Standard	: USB 3.1 generation 1
Speed	: 5 Gbps
Type-C	: Yes
Resolution	: 4096 x 2160
4K compatible	: Yes

Type no.	Manufacturer no.	Description
EW9822	EW9822	USB Type-C to HDMI female converter

USB cables - USB 2.0 cables

USB 2.0 cables

USB 2.0 extension cable A male - A female

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB A female (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2218	SB2218	USB 2.0 A male - USB A female black 0,50 m
SB2220	SB2220	USB 2.0 A male - USB A female black 1,80 m
SB2230	SB2230	USB 2.0 A male - USB A female black 3,00 m
SB2250	SB2250	USB 2.0 A male - USB A female black 5,00 m

USB 2.0 extension cable A male - A female

- Thicker power wires (AWG20)

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB A female (x1)
Conductor material	: Copper
Wire gauge	: 20, 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB0036	SB0036	USB 2.0 A male - USB A female black 3,00 m

USB 2.0 extension cable A male - A female

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB A female (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Ivory
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2198	SB2198	USB 2.0 A male - USB A female ivory 0,50 m
SB2199	SB2199	USB 2.0 A male - USB A female ivory 1,00 m
SB2200	SB2200	USB 2.0 A male - USB A female ivory 1,80 m
SB2203	SB2203	USB 2.0 A male - USB A female ivory 3,00 m
SB2205	SB2205	USB 2.0 A male - USB A female ivory 5,00 m

USB 2.0 connection cable A male - B male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB B male (x1)
Wire gauge	: 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
EC2402	EC2402	USB 2.0 A male - USB B male 1.80 m
EC2403	EC2403	USB 2.0 A male - USB B male 3.00 m

USB 2.0 connection cable A male - A male

- Not for coupling 2 computers

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB A male (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Ivory
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2502	SB2502	USB 2.0 A male - USB A male ivory 2,00 m
SB2503	SB2503	USB 2.0 A male - USB A male ivory 3,00 m

USB 2.0 connection cable A male - A male

- Not for coupling 2 computers

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB A male (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2520	SB2520	USB 2.0 A male - USB A male 1,80 m
SB2530	SB2530	USB 2.0 A male - USB A male 3,00 m
SB2550	SB2550	USB 2.0 A male - USB A male 5,00 m

USB 2.0 connection cable A male - B male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB B male (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2398	SB2398	USB 2.0 A male - USB B male 0,50 m
SB2401	SB2401	USB 2.0 A male - USB B male 1,00 m
SB2402	SB2402	USB 2.0 A male - USB B male 1,80 m
SB2403	SB2403	USB 2.0 A male - USB B male 3,00 m
SB2405	SB2405	USB 2.0 A male - USB B male 5,00 m

USB 2.0 connection cable A male - B male (angled)

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB B male (x1)
Conductor material	: Copper
Wire gauge	: 24, 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2408	SB2408	USB 2.0 A male - USB B male (angled) 1,80 m

USB 2.0 connection cable A male - Mini B5 male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB mini B5 male (x1)
Conductor material	: Copper
Wire gauge	: 28 AWG
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2412	SB2412	USB 2.0 A male - USB mini B5 male 1,80 m
SB2413	SB2413	USB 2.0 A male - USB mini B5 male 3,00 m
SB2415	SB2415	USB 2.0 A male - USB mini B5 male 5,00 m

USB 2.0 connection cable USB A male - USB mini B male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: USB mini B male (x1)
Wire gauge	: 28 AWG
Conductor material	: Copper
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB2432	SB2432	USB 2.0 A male - USB mini B male 1,80 m

USB 2.0 connection cable USB A male -USB micro B male

Technical specifications

Connector A	: USB micro B male (x1)
Connector B	: USB A male (x1)
Wire gauge	: 28 AWG
Conductor material	: Copper
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB0005	SB0005	USB 2.0 A male - micro B male 0,50 m
SB0006	SB0006	USB 2.0 A male - micro B male 1,00 m
SB2498	SB2498	USB 2.0 A male - micro B male 2,00 m

USB 2.0 connection cable USB A male -USB micro B male

Technical specifications

Connector A	: USB micro B male (x1)
Connector B	: USB A male (x1)
Wire gauge	: 24, 28 AWG
Conductor material	: Copper
Cable colour	: Black
USB version	: USB 2.0 - HighSpeed (Enhanced)
Speed	: 480 Mbps

Type no.	Manufacturer no.	Description
SB0007	SB0007	USB 2.0 A male - micro B male 3,00 m
SB0008	SB0008	USB 2.0 A male - micro B male 5,00 m

USB adapters

USB 3.1 Gen1 (3.0) adapter USB C male - USB A female

Technical specifications

Connector A	: USB C male (x1)
Connector B	: USB A female (x1)
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)

Type no.	Manufacturer no.	Description
SB0037	SB0037	USB 3.1 adapter USB C male - USB A female

USB 3.0 adapter USB 3.0 A female - micro B male

Technical specifications

Connector A	: USB 3 A female (x1)
Connector B	: USB 3 micro B male (x1)

Type no.	Manufacturer no.	Description
SB4053	SB4053	USB 3.0 adapter USB A female - micro USB B male

USB 3.0 adapter USB 3.0 A female - B female

Technical specifications

Connector A	: USB 3 A female (x1)
Connector B	: USB 3 B female (x1)
USB version	: USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Speed	: 5 Gbps

Type no.	Manufacturer no.	Description
SB4051	SB4051	USB 3.0 adapter USB A female - USB B female

Ewent USB cables

USB to Lightning cable

- MFI certified / Official Apple certified

Technical specifications

Connector A	: USB A male
Connector B	: Lightning
Cable length	: 1 m

Type no.	Manufacturer no.	Description
EW9908	EW9908	Data cable: Apple (Lightning) 1 meter

USB to Lightning cable

- MFI certified / Official Apple certified

Technical specifications

Connector A	: USB A male
Connector B	: Lightning
Cable length	: 2 m

Type no.	Manufacturer no.	Description
EW9902	EW9902	Data cable: Apple (Lightning) 2 meter

USB-C to Lightning cable

- Fast charging: charge your iOS device with Power Delivery support up to 3,5x faster
- 0-50% in only 30 minutes when using a USB-C charger with PD support
- MFI certified / Official Apple certified

Technical specifications

Connector A	: USB C male
Connector B	: Lightning
Cable lenght	: 1 m

Type no.	Manufacturer no.	Description
EW9915	EW9915	Data cable: Apple (Lightning) 1 meter

Charge & Sync cable for Apple

Technical specifications

Connector A	: USB A male
Connector B	: Dock 30 pin male
Cable length	: 1 m

Type no.	Manufacturer no.	Description
EW9903	EW9903	Data cable: Apple (30 pin)

Micro USB Cable for smartphone and tablet

Technical specifications

Connector A	: USB A male
Connector B	: USB micro B male
Cable length	: 1 m

Type no.	Manufacturer no.	Description
EW9911	EW9911	Data cable: Micro USB

USB Cable for Samsung Galaxy Tab

Technical specifications

Connector A	: USB A male
Connector B	: Samsung 30 pins
Calble length	: 1 m

Type no.	Manufacturer no.	Description
EW9907	EW9907	Data cable: Samsung (30 pin)

Coax cables

50 Ohm Coaxial Cable

RG-58 patch cable 50 Ohm

- BNC RG-58 Patch cable for 50 Ohm networks

Technical specifications

Connector A	: BNC male (x1)
Connector B	: BNC male (x1)
Cable	: RG-58
Shielding type	: Braid
Conductor material	: Tinned copper
Outer jacket	: PVC
Impedance	: 50 Ω
Cable colour	: Black

Type no.	Manufacturer no.	Description
Q70050	Q70050	RG-58 Patch cable black 50 Ohm 0,50 m
Q70100	Q70100	RG-58 Patch cable black 50 Ohm 1,00 m
Q70150	Q70150	RG-58 Patch cable black 50 Ohm 1,50 m
Q70200	Q70200	RG-58 Patch cable black 50 Ohm 2,00 m
Q70300	Q70300	RG-58 Patch cable black 50 Ohm 3,00 m
Q70500	Q70500	RG-58 Patch cable black 50 Ohm 5,00 m
Q70700	Q70700	RG-58 patch cable black 50 Ohm 7,00 m
Q7010M	Q7010M	RG-58 patch cable black 50 Ohm 10,00 m
Q7015M	Q7015M	RG-58 patch cable black 50 Ohm 15,00 m

75 Ohm Coaxial Cable

RG-59 patch cable black 75 Ohm

Technical specifications

Connector A	: BNC male (x1)
Connector B	: BNC male (x1)
Cable	: RG-59
Shielding type	: Braid
Conductor material	: Tinned copper
Outer jacket	: PVC
Impedance	: 75 Ω
Cable colour	: Black

Type no.	Manufacturer no.	Description
Q71025	Q71025	RG-59 patch cable black 75 Ohm 0,25 m
Q71050	Q71050	RG-59 patch cable black 75 Ohm 0,50 m
Q71100	Q71100	RG-59 patch cable black 75 Ohm 1,00 m
Q71150	Q71150	RG-59 patch cable black 75 Ohm 1,50 m
Q71200	Q71200	RG-59 patch cable black 75 Ohm 2,00 m
Q71300	Q71300	RG-59 patch cable black 75 Ohm 3,00 m
Q71500	Q71500	RG-59 patch cable black 75 Ohm 5,00 m
Q7110M	Q7110M	RG-59 patch cable black 75 Ohm 10,00 m

D-Sub adapters

D-sub adapter 9-polig - 9-polig

Mini Gender changer
9 pin D-sub

Technical specifications
Connection : 1:1

Type no.	Manufacturer no.	Description
AB9013	AB9013	Slim line gender: 09M-09M
AB9023	AB9023	Slim line gender: 09M-09F
AB9035	AB9035	Slim line gender: 09F-09F

High density D-sub adapter 15-polig - 15-polig (VGA)

Mini Gender changer
15 pin High Density D-sub
VGA-type

Technical specifications
Connection : 1:1

Type no.	Manufacturer no.	Description
AB9065	AB9065	Slim line gender: 15HDF-15HDF
AB9045	AB9045	Slim line gender: 15HDM-15HDM
AB9055	AB9055	Slim line gender: 15HDM-15HDF

D-sub adapter 25-polig - 25-polig

Mini Gender changer
25 pin D-sub

Technical specifications
Connection : 1:1

Type no.	Manufacturer no.	Description
AB9083	AB9083	Slim line gender: 25M-25F
AB9113	AB9113	Gender: 25F-25F

D-sub adapter 9-polig - 25-polig

Mini Gender changer
9 pin D-sub to
25 pin D-sub

- Wiring: 1-8, 2-3, 3-2, 4-20, 5-7, 6-6, 7-7, 8-5, 9-22

Type no.	Manufacturer no.	Description
AB9149	AB9149	Slim line gender: 09M-25F
AB9154	AB9154	Slim line gender: 09F-25F
AB9134	AB9134	Slim line gender: 09M-25M

D-sub null modem adapter 9-polig female - 9-polig male

Null Modem
Gender changer
9 Pin D-sub male -
9 pin D-sub female

Technical specifications

Connector A	: 9 pin D-sub male
Connector B	: 9 pin D-sub female
Connectors	: 9M-9F
Connection	: Null modem

Type no.	Manufacturer no.	Description
AB9803	AB9803	Slim line gender: DB09F/DB09M

Mountable adapter D-sub 9-pins - modular

9-pin D-sub to RJ-12/RJ-45 Modular Adapters

D-sub Connector to RJ-12 / RJ-45 female Connector adapter in one housing. The wiring at the RJ-12 / RJ-45 female side is fixed, but the wire-ends have crimp contacts, which could be placed in the desired position of the D-sub connector without any tools.
Housing has locking screws for firmly attaching the D-sub end.

Type no.	Manufacturer no.	Description
TD09F6	TD09F6	Connector: RJ-12 F - 09 D-Sub F
TD09F8	TD09F8	Connector: RJ-45 F - 09 D-Sub F
TD09M8	TD09M8	Connector: RJ-45 F - 09 D-Sub M

Mountable adapter D-sub 25-polig - modular

25-pin D-sub to RJ-12 / RJ-45 Modular Adapters

D-sub Connector to RJ-45 female Connector adapter in one housing. The wiring at the RJ-45 female side is fixed, but the wire-ends have crimp contacts, which could be placed in the desired position of the D-sub connector without any tools.
Housing has locking screws for firmly attaching the D-sub end.

Type no.	Manufacturer no.	Description
TD25F8	TD25F8	Connector: RJ-45 F - 25 D-Sub F
TD25M8	TD25M8	Connector: RJ-45 F - 25 D-Sub M

Parallel printer cables

Printer cable 25 pin D-sub male - 36-polig Centronics male

- Molded hoods.

Technical specifications

Connector A	: 25 pin D-sub male
Connector B	: Centronics 36 male
Cable colour	: Ivory
Conductor material	: Copper
Wire gauge (AWG)	: 28
Outer jacket	: PVC

Type no.	Manufacturer no.	Description
AK1062	AK1062	Printer cable 25 pin D-sub male - 36-polig Centronics male 1.80 m

Serial cables

Serial 1:1 connection cable 9 pin D-sub male - 9 pin D-sub male

- Molded Hoods

Technical specifications

Connector A	: D-sub 9-pin male (x1)
Connector B	: D-sub 9-pin male (x1)_9
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK2185	AK2185	9 pin D-sub male - 9 pin D-sub male 1.80 m
AK2186	AK2186	9 pin D-sub male - 9 pin D-sub male 3.00 m
AK2187	AK2187	9 pin D-sub male - 9 pin D-sub male 5.00 m

Serial 1:1 connection cable 9 pin D-sub male - 9 pin D-sub male

- Molded Hoods

Technical specifications

Connector A	: D-sub 9-pin male (x1)
Connector B	: D-sub 9-pin male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 26
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK2189	AK2189	9 pin D-sub male - 9 pin D-sub male 10.00 m

Serial 1:1 connection cable 9 pin D-sub male - 9 pin D-sub female

- Molded Hoods.

Technical specifications

Connector A	: D-sub 9-pin male (x1)
Connector B	: D-sub 9-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK2304	AK2304	9 pin D-sub male - 9 pin D-sub female 1.00 m
AK2305	AK2305	9 pin D-sub male - 9 pin D-sub female 1.80 m
AK2306	AK2306	9 pin D-sub male - 9 pin D-sub female 3.00 m
AK2307	AK2307	9 pin D-sub male - 9 pin D-sub female 5.00 m

Serial 1:1 connection cable 9 pin D-sub male - 9 pin D-sub female

- Molded Hoods.

Technical specifications

Connector A	: D-sub 9-pin male (x1)_9
Connector B	: D-sub 9-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 26
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK2309	AK2309	9 pin D-sub male - 9 pin D-sub female 10.00 m
AK2321	AK2321	9 pin D-sub male - 9 pin D-sub female 15.00 m
AK2322	AK2322	9 pin D-sub male - 9 pin D-sub female 20.00 m
AK2323	AK2323	9 pin D-sub male - 9 pin D-sub female 25.00 m

Serial 1:1 connection cable 9 pin D-sub female - 9 pin D-sub female

- Molded Hoods.

Technical specifications

Connector A	: D-sub 9-pin female (x1)
Connector B	: D-sub 9-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK2315	AK2315	9 pin D-sub female - 9 pin D-sub female 1.80 m
AK2316	AK2316	9 pin D-sub female - 9 pin D-sub female 3.00 m
AK2317	AK2317	9 pin D-sub female - 9 pin D-sub female 5.00 m

Serial 1:1 connection cable 9 pin D-sub female - 9 pin D-sub female

- Molded Hoods.

Technical specifications

Connector A	: D-sub 9-pin female (x1)
Connector B	: D-sub 9-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 26
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK2319	AK2319	9 pin D-sub female - 9 pin D-sub female 10.00 m

Serial 1:1 connection cable 25 pin D-sub male - 25 pin D-sub male

- Molded Hoods.

Technical specifications

Connector A	: D-sub 25-pin male (x1)
Connector B	: D-sub 25-pin male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK4015	AK4015	25 pin D-sub male - 25 pin D-sub male 1.80 m

Serial 1:1 connection cable 25 pin D-sub male - 25 pin D-sub female

- Molded Hoods.

Technical specifications

Connector A	: D-sub 25-pin male (x1)
Connector B	: D-sub 25-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK4045	AK4045	25 pin D-sub male - 25 pin D-sub female 1.80 m
AK4046	AK4046	25 pin D-sub male - 25 pin D-sub female 3.00 m
AK4055	AK4055	25 pin D-sub male - 25 pin D-sub female 5.00 m

Serial 1:1 connection cable 25 pin D-sub male - 25 pin D-sub female

- Molded Hoods.

Technical specifications

Connector A	: D-sub 25-pin male (x1)
Connector B	: D-sub 25-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 26
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK4066	AK4066	25 pin D-sub male - 25 pin D-sub female 10.00 m
AK4068	AK4068	25 pin D-sub male - 25 pin D-sub female 15.00 m

Serial connection cable 9 D-sub female - 25 pin D-sub male

- Molded Hoods

Technical specifications

Connector A	: D-sub 9-pin female (x1)
Connector B	: D-sub 25-pin male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK1230	AK1230	9 D-sub female - 25 pin D-sub male 1.80 m

Serial 1:1 connection cable 15 pin D-sub male - 15 pin D-sub male

- Molded hoods.

Technical specifications

Connector A	: D-sub 15-pin male (x1)
Connector B	: D-sub 15-pin male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK3912	AK3912	15 pin D-sub male - 15 pin D-sub male 1.80 m
AK3914	AK3914	15 pin D-sub male - 15 pin D-sub male 5.00 m

Serial 1:1 connection cable 15 pin D-sub male - 15 pin D-sub female

- Molded Hoods

Technical specifications

Connector A	: D-sub 15-pin male (x1)
Connector B	: D-sub 15-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK3922	AK3922	15 pin D-sub male - 15 pin D-sub female 1.80 m
AK3924	AK3924	15 pin D-sub male - 15 pin D-sub female 5.00 m

Serial 1:1 connection cable 37 pin D-sub male - 37 pin D-sub male

- Molded hoods.

Technical specifications

Connector A	: D-sub 37-pin male (x1)
Connector B	: D-sub 37-pin male (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK4241	AK4241	37 pin D-sub male - 37 pin D-sub male 2.00 m

Serial 1:1 connection cable 37 pin D-sub male - 37 pin D-sub female

- Molded hoods.

Technical specifications

Connector A	: D-sub 37-pin male (x1)
Connector B	: D-sub 37-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: 1:1
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK4245	AK4245	37 pin D-sub male - 37 pin D-sub female 2.00 m

Serial printer cable 9 pin D-sub female - 25 pin D-sub male

- Molded hoods.

Technical specifications

Connector A	: 9 pin D-sub female
Connector B	: 25 pin D-sub male
Conductor material	: Copper
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK7252	AK7252	Printer cable 9 pin D-sub female - 25 pin D-sub male 1.80 m
AK7253	AK7253	Printer cable 9 pin D-sub female - 25 pin D-sub male 3.00 m

Serial printer cable 9 pin D-sub male - 9 pin D-sub male

- Molded hoods.

Technical specifications

Connector A	: 9 pin D-sub male
Connector B	: 9 pin D-sub male
Conductor material	: Copper
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK7302	AK7302	Printer cable 9 pin D-sub male - 9 pin D-sub male 1.80 m

Serial printer cable 9 pin D-sub male - 9-pin D-sub female

- Molded hoods.

Technical specifications

Connector A	: 9 pin D-sub male
Connector B	: 9 pin D-sub female
Conductor material	: Copper
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK7312	AK7312	Printer cable 9 pin D-sub male - 9-pin D-sub female 1,80 m
AK7313	AK7313	Printer cable 9 pin D-sub male - 9-pin D-sub female 3.00 m

Serial printer cable 9 pin D-sub female - 9-pin D-sub female

- Molded hoods.

Technical specifications

Connector A	: 9 pin D-sub female
Connector B	: 9 pin D-sub female
Conductor material	: Copper
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK7322	AK7322	Printer cable 9 pin D-sub female - 9-pin D-sub female 1.80 m
AK7323	AK7323	Printer cable 9 pin D-sub female - 9-pin D-sub female 3.00 m
AK7324	AK7324	Printer cable 9 pin D-sub female - 9-pin D-sub female 5.00 m
AK7326	AK7326	Printer cable 9 pin D-sub female - 9-pin D-sub female 10.00 m

Serial interlink connection cable 9 pin D-sub female - 9 pin D-sub female

- Molded hoods.
- Serial Interlink - File transfer - Laplink cable
- Wiring: (1+6)-4, 2-3, 3-2, 4-(1+6), 5-5, 7-8, 8-7

Technical specifications

Connector A	: D-sub 9-pin female (x1)
Connector B	: D-sub 9-pin female (x1)
Hoods	: Molded plastic
Shielding type	: Aluminum Mylar
Conductor material	: Copper
Wiring diagram	: Other
Wire gauge (AWG)	: 28
Outer jacket	: PVC
Cable colour	: Ivory

Type no.	Manufacturer no.	Description
AK7102	AK7102	9 pin D-sub female - 9 pin D-sub female 1.80 m
AK7103	AK7103	9 pin D-sub female - 9 pin D-sub female 3.00 m
AK7105	AK7105	9 pin D-sub female - 9 pin D-sub female 5.00 m

Telephone cables

Modular telephone cable RJ-11 - RJ-11 white

Technical specifications

Connector A	: RJ11 male (x1)
Connector B	: RJ11 male (x1)
Contact plating	: Gold plated
Cable type	: Modular Flat 4 Wires
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: White

Type no.	Manufacturer no.	Description
TD5400	TD5400	Modular telephone cable RJ-11 - RJ-11 white 0,50 m
TD5401	TD5401	Modular telephone cable RJ-11 - RJ-11 white 1,00 m
TD5402	TD5402	Modular telephone cable RJ-11 - RJ-11 white 2,00 m
TD5403	TD5403	Modular telephone cable RJ-11 - RJ-11 white 3,00 m
TD5405	TD5405	Modular telephone cable RJ-11 - RJ-11 white 5,00 m

Modular telephone cable RJ-11 - RJ-11 black

Technical specifications

Connector A	: RJ11 male (x1)
Connector B	: RJ11 male (x1)
Contact plating	: Gold plated
Cable type	: Modular Flat 4 Wires
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
TD5501	TD5501	Modular telephone cable RJ-11 - RJ-11 black 1,00 m
TD5502	TD5502	Modular telephone cable RJ-11 - RJ-11 black 2,00 m
TD5503	TD5503	Modular telephone cable RJ-11 - RJ-11 black 3,00 m
TD5505	TD5505	Modular telephone cable RJ-11 - RJ-11 black 5,00 m
TD5510	TD5510	Modular telephone cable RJ-11 - RJ-11 black 10,00 m

Modular telephone cable RJ-12 - RJ-12 white

Technical specifications

Connector A	: RJ12 male (x1)
Connector B	: RJ12 male (x1)
Contact plating	: Gold plated
Cable type	: Modular Flat 6 Wires
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: White

Type no.	Manufacturer no.	Description
TD5601	TD5601	Modular telephone cable RJ-12 - RJ-12 white 1,00 m
TD5602	TD5602	Modular telephone cable RJ-12 - RJ-12 white 2,00 m
TD5603	TD5603	Modular telephone cable RJ-12 - RJ-12 white 3,00 m
TD5605	TD5605	Modular telephone cable RJ-12 - RJ-12 white 5,00 m
TD5610	TD5610	Modular telephone cable RJ-12 - RJ-12 white 10,00 m

Modular telephone cable RJ-12 - RJ-12 black

Technical specifications

Connector A	: RJ12 male (x1)
Connector B	: RJ12 male (x1)
Contact plating	: Gold plated
Cable type	: Modular Flat 6 Wires
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
TD5701	TD5701	Modular telephone cable RJ-12 - RJ-12 black 1,00 m
TD5702	TD5702	Modular telephone cable RJ-12 - RJ-12 black 2,00 m
TD5703	TD5703	Modular telephone cable RJ-12 - RJ-12 black 3,00 m
TD5705	TD5705	Modular telephone cable RJ-12 - RJ-12 black 5,00 m
TD5710	TD5710	Modular telephone cable RJ-12 - RJ-12 black 10,00 m

Modular telephone cable RJ-11 - RJ-45 white

Technical specifications

Connector A	: RJ11 male (x1)
Connector B	: RJ45 male (x1)
Contact plating	: Gold plated
Cable type	: Modular Flat 4 Wires
RJ-45 pin Connection	: Pins 3,4,5,6 Connected
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: White

Type no.	Manufacturer no.	Description
TD5301	TD5301	Modular telephone cable RJ-11 - RJ-45 white 1,00 m
TD5302	TD5302	Modular telephone cable RJ-11 - RJ-45 white 2,00 m
TD5303	TD5303	Modular telephone cable RJ-11 - RJ-45 white 3,00 m
TD5305	TD5305	Modular telephone cable RJ-11 - RJ-45 white 5,00 m
TD5310	TD5310	Modular telephone cable RJ-11 - RJ-45 white 10,00 m

Modular telephone cable RJ-11 - RJ-45 black

Technical specifications

Connector A	: RJ11 male (x1)
Connector B	: RJ45 male (x1)
Contact plating	: Gold plated
Cable type	: Modular Flat 4 Wires
RJ-45 pin Connection	: Pins 3,4,5,6 Connected
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
TD5306	TD5306	Modular telephone cable RJ-11 - RJ-45 black 1,00 m
TD5307	TD5307	Modular telephone cable RJ-11 - RJ-45 black 2,00 m
TD5308	TD5308	Modular telephone cable RJ-11 - RJ-45 black 3,00 m
TD5309	TD5309	Modular telephone cable RJ-11 - RJ-45 black 5,00 m
TD5311	TD5311	Modular telephone cable RJ-11 - RJ-45 black 10,00 m

Coiled phonehorn cable

Technical specifications

Connector A	: RJ10 male (x1)
Connector B	: RJ10 male (x1)
Contact plating	: Gold plated
Conductor material	: CCA
Wire gauge	: 28 AWG
Outer jacket	: PVC
Cable colour	: Black

Type no.	Manufacturer no.	Description
TD7203	TD7203	Coiled phonehorn cable 1,50 m

Internal PC cables - Brackets

Internal PC cables

Brackets

Single serial bracket

This bracket has 9 pins with a serial, single connection.

Technical specifications

Internal connectors	: 1x 10-pin IDC female
External connectors	: 1x DB9 male
Bracket format	: normal

Type no.	Manufacturer no.	Description
AK3326	AK3326	Number of ports: 1x D-Sub 9 male

USB 2.0 Bracket

8 Seperate connectors to 2x USB A Chassis.

Technical specifications

External connectors	: 2x USB A female
Internal connectors	: 8x single pinheaders

Type no.	Manufacturer no.	Description
SB2400	SB2400	USB 2.0 Bracket 0.30 m

Internal power cables

Internal power cables

Powersplitter cable for 3x 5,25

Technical specifications

Connector A	: 5.25" male
Connector B	: 3x 5.25" female

Type no.	Manufacturer no.	Description
AK3194	AK3194	Powersplitter cable for 3x 5,25" 0,20 m

Powersplitter cable for 1x 5,25" + 1x 3.5

Technical specifications

Connector A : 5.25" male
Connector B : 5.25" female + 3.5" female

Type no.	Manufacturer no.	Description
AK3195	AK3195	Powersplitter cable for 1x 5,25" + 1x 3.5" 0,20 m

PCI Express Power cable, 6 pin female - 2x 5,25

Technical specifications

Connector A : 6 pins PCI Express female
Connector B : 2x 5.25 male

Type no.	Manufacturer no.	Description
AK3217	AK3217	PCI Express Power cable, 6 pin female - 2x 5.25 0.20 m

Serial ATA Power Adapter cable

Technical specifications

Connector A : SATA 15 pins connector female
Connector B : 5.25" male

Type no.	Manufacturer no.	Description
AK3197	AK3197	Serial ATA Power Adapter cable 0,15 m

Serial ATA Power Adapter cable

Technical specifications

Connector A : SATA 15 pins connector male
Connector B : 5.25" female

Type no.	Manufacturer no.	Description
AK3196	AK3196	Serial ATA Power Adapter cable 0,15 m

Serial ATA Power Adapter cable, angled

Technical specifications

Connector A : SATA 15 pins angled female
Connector B : 5.25" male

Type no.	Manufacturer no.	Description
AK3202	AK3202	Serial ATA Power Adapter cable, angled 0,15 m

Serial ATA II Power Adapter

Technical specifications

Connector A : SATA II 15 pins power connector female
Connector B : 5.25" male

Type no.	Manufacturer no.	Description
AK3200	AK3200	Serial ATA II Power Adapter 0,15 m

Serial ATA power splitter cable

Technical specifications

Connector A : 5.25" male
Connector B : 2x SATA 15 pins power connector female

Type no.	Manufacturer no.	Description
AK3199	AK3199	Serial ATA power splitter cable 0,15 m

Serial ATA powersplitter

Technical specifications

Connector A : SATA 15 pins male
Connector B : 2x SATA 15 pins female

Type no.	Manufacturer no.	Description
AK3201	AK3201	Serial ATA powersplitter 0,15 m

Serial ATA cables

SATA connection cable

Technical specifications
Connector A : SATA female
Connector B : SATA female
Colour : Red

Type no.	Manufacturer no.	Description
AK3392	AK3392	SATA connection cable 0,75 m
AK3393	AK3393	SATA connection cable 1,00 m

SATA connection cable with angled connector

Technical specifications
Connector A : SATA female straight
Connector B : SATA female angled
Colour : Red

Type no.	Manufacturer no.	Description
AK3395	AK3395	SATA connection cable with angled connector 0,75 m

SATA II connection cable

Technical specifications
Connector A : SATA II female with latch
Connector B : SATA II female with latch
Colour : Red

Type no.	Manufacturer no.	Description
AK3381	AK3381	SATA II connection cable 0,75 m

SATA III connection cable 6 Gb/s

Technical specifications
Connector A : SATA III female with latch
Connector B : SATA III female with latch
Colour : Grey

Type no.	Manufacturer no.	Description
AK3391	AK3391	SATA III connection cable 6 Gb/s 0,50 m

Micro SATA(6+7) female - SATA(7) female + 5,25" male (4 pins)

Technical specifications
Connector A : SATA(6+7) female
Connector B : SATA(7) female + 5.25" male (4 pins)SATA(7) female + 5.25" male (4 pins)

Type no.	Manufacturer no.	Description
AK3415	AK3415	Micro SATA(6+7) female - SATA(7) female + 5,25" male (4 pins) 0,30 m

Construction Product Regulation (CPR)

What is CPR regulation?

What is the CPR regulation?
The social importance of fire safety is increasing. People spend a large part of their time in buildings, unaware of the dangers of fire. This while approximately 90 percent of all fires that break out annually take place in buildings. Ensuring quality in the use of building materials therefore becomes essential. CPR (Construction Products Regulation) is a European regulation that ensures that unambiguous requirements are set for the essential properties and performance with which construction products must comply.

What is the purpose of the CPR?
The purpose of the Construction Products Regulation (CPR) is to provide reliable information on construction products with regard to the performance of the products. This is achieved through the provision of a "common technical language" determining uniform assessment methods for the performance of construction products. Those assessment methods are drawn up in harmonised technical specifications. This uniform technical language is to be used by:

- Manufacturers in communicating the performance of their products Member State authorities in specifying requirements
- Users (architects, engineers, constructors, etc.) in choosing which products are best suited to the construction projects they will carry out

Which cables are covered by the CPR?
The following cables are subject to CPR regulations:

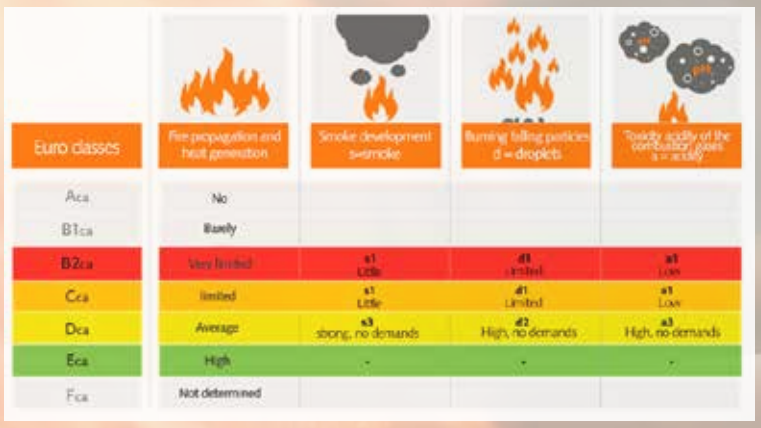
- Cables intended to be used for the provision of electricity and communications in buildings and other civil engineering works and subject to fire performance requirements.
- Cables intended for the provision of electricity, communication, fire detection and alarm in buildings and other civil engineering works.

What performance characteristics of cables are covered by CPR?
The performance characteristics of cables subject to CPR are:

- Fire behaviour
- Function retention
- Release of hazardous substances during normal use, disassembly and recycling

Do you have any questions?
Please contact our sales department.

Which fire classes apply to reaction to fire?
To describe the reaction to fire behaviour of cables, cables are classified in a Euroclassification consisting of seven fire classes and associated contribution to the fire:



The four classes in bold are relevant for European countries.
Heat emission and fire propagation are the most important criteria. Smoke development, falling burning material and acidity of flue gases are additionally classified.

Fire classes
In order to determine the correct fire classification for the application of cables in buildings, CPR cables are classified in different fire classes.

Fire risk	Classification cable
low	E_{ca}
Medium size	D_{ca}-s3,d2,a3
Big	C_{ca}-s1,d1,a1
Very big	$B2_{ca}$-s1,d1,a1

ACT structured cabling systems - compatible through the use of international standards

ACT copper and fiber optic network solutions are durable and exceed the specifications of international standards.
Each product comes with a 5-year product warranty, ensuring you have properly functioning cabling. This applies both to ACT cabling among themselves and in use with other cable brands that also meet the international standards.

The ACT portfolio consists of a wide range of copper cabling and connection hardware in both category 5E, category 6 and category 6A, both unshielded and shielded. The ACT portfolio is characterized by quality and ease of installation. With these components, structured cabling systems can be adapted for regular office systems, 4-connector connection solutions and cross-connect systems.

Copper ACT cables are suitable for installations where PoE, PoE + or PoE ++ are also used. For laying your vertical backbones and making interconnects, the ACT portfolio offers a wide range of fiber optic cables and related passive network equipment in both single mode and multimode. Our prefabricated fiber assemblies help you to lay your fiber optic connections quickly and easily.

Our ACT specialists are ready to help you choose the right solution.
Below is an overview of the international standards ACT complies with:

Components	CAT5E	CAT6	CAT6A
Bandwidth	100 Mhz	250 Mhz	500 Mhz
ISO-norm	ISO 1801Ed2.0 (2002)	ISO 11801Ed2.0 (2002)	AD1.0 ISO 11801 (CE2008)
	55	34	AD2.0 ISO 11801 (009-PL)
EN-norm	EN50173-1 (2008)	EN50173-1 (2008)	EN50173-1 (2008)
Channel (100 m) and Permanent Link 90 m	Class D	Class E	Class Ea
EIA/TIA-norm	EIA/TIA-568.2-D	EIA/TIA-568.2-D	EIA/TIA-568.2-D

Solid twisted pair installation cable

CAT6A solid twisted pair installation cable

CAT6A U/UTP

Technical specifications

Outer diameter	: 7,80 mm
Bandwidth	: 500 MHz
Min. working temperature	: -20 °C
Max. working temperature	: 75 °C

Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	305m rol	500m rol
Blue	U/UTP	PVC	23	Eca	1186892	**XS6103**	**XS6105**
Violet	U/UTP	LSZH	23	Eca	1186891	**XS6113**	**XS6115**

CAT6A F/UTP

Technical specifications

Outer diameter	: 7,00 mm (XS6120 - 7,5 mm)
Bandwidth	: 500 MHz
Min. working temperature	: -15 °C
Max. working temperature	: 60 °C

Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	305m rol	500m rol
Grey	F/UTP	PVC	24	Eca	1186889	**FS6103**	**FS6105**
Violet	F/UTP	LSZH	24	Eca	1186890	**FS6113**	**FS6115**
Grey	F/UTP	PVC	23	B2ca	1175345	**XS6120**	**XS6121**

CAT6A U/FTP

Technical specifications

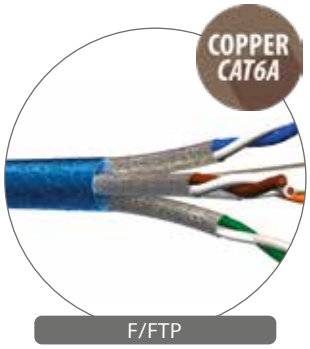
Outer diameter	: 7,3 mm
Bandwidth	: 525 MHz
Min. working temperature	: -20 °C
Max. working temperature	: 70 °C

Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	PoE type	500m rol
Violet	U/FTP	LSZH	23	Dca,s2,d2,a2	DOP N 3-D-G-00007	PoE+	**MM6059**

CAT6A F/FTP

Technical specifications

Outer diameter	: 7,4 mm
Bandwidth	: 555 MHz
Min. working temperature	: -20 °C
Max. working temperature	: 70 °C



Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	PoE type	305m box	500m rol
Violet	F/FTP	LSZH	23	Dca,s2,d2,a2	DOP N 3-D-G-00005	PoE+	**MM0028**	**MM6060**

CAT6 solid twisted pair installation cable

CAT6 U/UTP

Technical specifications

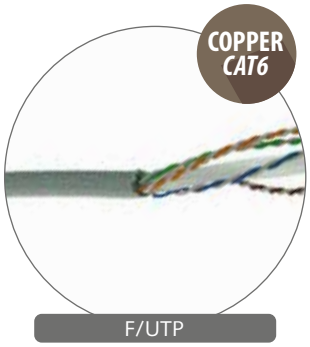
Outer diameter	: 6,2 mm
Bandwidth	: 250 MHz
Min. working temperature	: -15 °C
Max. working temperature	: 60 °C

Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	100m	305m box	500m rol
Grey	U/UTP	PVC	24	Eca	1186887	**XS100H**	**XS305B**	
Grey	U/UTP	PVC	24	B2ca	1175349		**XS6001**	**XS6002**

CAT6 F/UTP

Technical specifications

Outer diameter : 7 mm
Bandwidth : 250 MHz
Min. working temperature : -15 °C
Max. working temperature : 60 °C

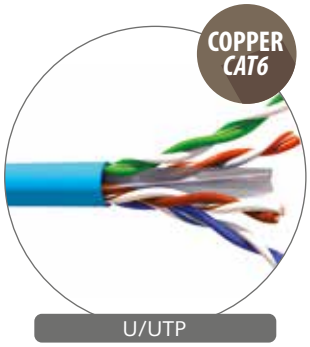


Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	305m box	500m rol
Grey	F/UTP	PVC	24	Eca	1186889	**FS6003**	**FS6005**
Violet	F/UTP	LSZH	24	Eca	1186890	**FS6013**	**FS6015**

CAT6 U/UTP

Technical specifications

Outer diameter : 6,2 mm
Bandwidth : 250 MHz
Min. working temperature : -20 °C
Max. working temperature : 70 °C

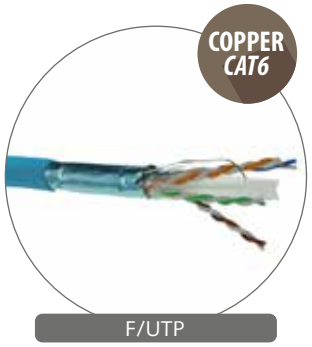


Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	PoE type	305m box	500m rol
Blue	U/UTP	LSZH	23	Dca,s2,d2,a2	DOP N 3-D-B25-00269	PoE	**MM6050**	**MM6052**

CAT6 F/UTP

Technical specifications

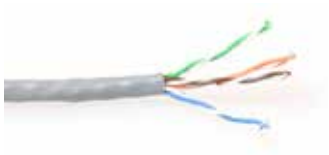
Outer diameter : 7 mm
Bandwidth : 250 MHz
Min. working temperature : -20 °C
Max. working temperature : 70 °C



Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	PoE type	305m box	500m rol
Blue	F/UTP	LSZH	23	Dca,s2,d2,a2	DOP N 3-D-B25-00269	PoE+	**MM6053**	**MM6054**

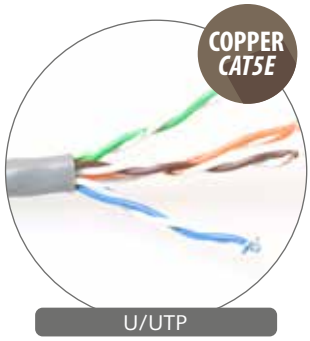
CAT5E solid twisted pair installation cable

CAT5E U/UTP



Technical specifications

Outer diameter	: 5,2 mm
Bandwidth	: 100 MHz
Min. working temperature	: -15 °C
Max. working temperature	: 70 °C

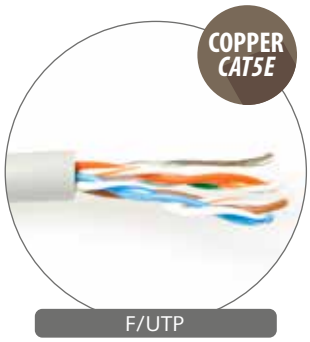


Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	100m	305m box	500m rol
Grey	U/UTP	PVC	24AWG	Eca	1186884	**ES100H**	**ES305B**	**ES500A**
Blue	U/UTP	PVC	24AWG	Eca	1186884		**ES356B**	

CAT5E F/UTP

Technical specifications

Outer diameter	: 6,2 mm
Bandwidth	: 100 MHz
Min. working temperature	: -15 °C
Max. working temperature	: 60 °C



Colour	Shielding type	Outer jacket	AWG	CPR level	DoP	100m
Grey	F/UTP	PVC	26AWG	Eca	1186885	**FS100H**

Stranded twisted pair cable

CAT6A stranded twisted pair cable

CAT6A U/UTP

Technical specifications

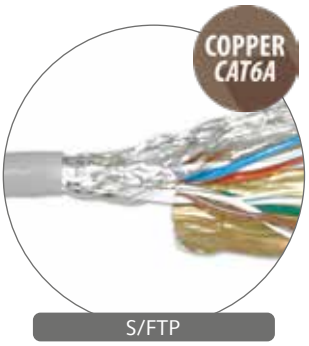
Conductor type	: Stranded (litze)
Outer diameter	: 7,00 mm
Bandwidth	: 500 MHz
Min. working temperature	: -20 °C
Max. working temperature	: 60 °C

Colour	Shielding type	Outer jacket	AWG	305m box
Grey	U/UTP	PVC	24	**EP400B**
Red	U/UTP	PVC	24	**EP455B**
Blue	U/UTP	PVC	24	**EP456B**
Green	U/UTP	PVC	24	**EP457B**
Yellow	U/UTP	PVC	24	**EP458B**
Black	U/UTP	PVC	24	**EP459B**

CAT6A S/FTP

Technical specifications

Conductor type	: Stranded (litze)
Outer diameter	: 5,80 mm
Bandwidth	: 500 MHz
Colour number	: RAL 7045



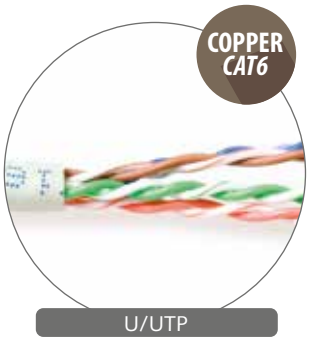
Colour	Shielding type	Outer jacket	AWG	305m box
Grey	S/FTP	PVC	26	**FP700B**

CAT6 stranded twisted pair cable

CAT6 U/UTP

Technical specifications

Conductor type	: Stranded (litze)
Outer diameter	: 5,90 mm
Bandwidth	: 250 MHz
Min. working temperature	: -15 °C
Max. working temperature	: 60 °C

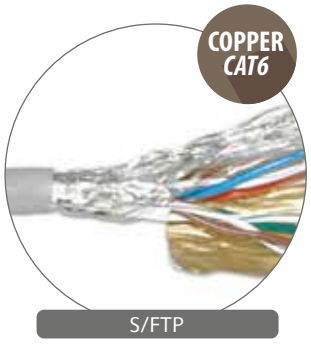


Colour	Shielding type	Outer jacket	AWG	100m	305m box	500m rol
Ivory	U/UTP	PVC	24	**EP840H**	**EP384B**	**EP845A**
Grey	U/UTP	PVC	24	**EP800H**	**EP380B**	
Red	U/UTP	PVC	24	**EP850H**	**EP385B**	
Blue	U/UTP	PVC	24	**EP860H**	**EP386B**	
Green	U/UTP	PVC	24	**EP870H**	**EP387B**	
Yellow	U/UTP	PVC	24	**EP880H**	**EP388B**	
Black	U/UTP	PVC	24	**EP890H**	**EP389B**	

CAT6 S/FTP

Technical specifications

Conductor type	: Stranded (litze)
Outer diameter	: 5,80 mm
Bandwidth	: 250 MHz



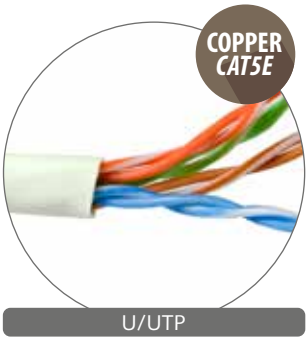
Colour	Shielding type	Outer jacket	AWG	305m box
Grey	S/FTP	PVC	26	**FP600B**
Red	S/FTP	PVC	26	**FP655B**
Blue	S/FTP	PVC	26	**FP656B**
Green	S/FTP	PVC	26	**FP657B**
Yellow	S/FTP	PVC	26	**FP658B**
Black	S/FTP	PVC	26	**FP659B**

CAT5E stranded twisted pair cable

CAT5E U/UTP

Technical specifications

Conductor type	: Stranded (litze)
Outer diameter	: 5,60 mm
Bandwidth	: 100 MHz
Min. working temperature	: -20 °C
Max. working temperature	: 60 °C



U/UTP

Colour	Shielding type	Outer jacket	AWG	100m	305m box	500m rol
Ivory	U/UTP	PVC	24	**EP100H**	**EP305B**	**EP500A**
Grey	U/UTP	PVC	24	**EP600H**	**EP360B**	
Red	U/UTP	PVC	24	**EP550H**	**EP355B**	
Blue	U/UTP	PVC	24	**EP560H**	**EP356B**	
Green	U/UTP	PVC	24	**EP570H**	**EP357B**	
Yellow	U/UTP	PVC	24	**EP580H**	**EP358B**	
Black	U/UTP	PVC	24	**EP590H**	**EP359B**	

CAT5E F/UTP

Technical specifications

Conductor type	: Stranded (litze)
Outer diameter	: 5,60 mm
Bandwidth	: 100 MHz
Min. working temperature	: -20 °C
Max. working temperature	: 60 °C

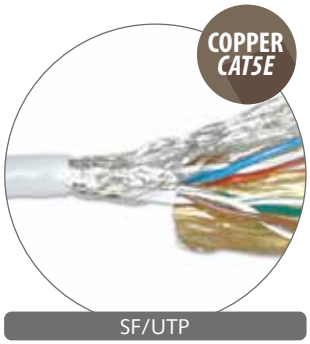
F/UTP

Colour	Shielding type	Outer jacket	AWG	100m	305m box	500m rol
Ivory	F/UTP	LSZH	26	**FP100H**	**FP305B**	**FP500A**
Grey	F/UTP	LSZH	26			**FP7450**
Red	F/UTP	LSZH	26	**FP750H**		**FP7550**
Blue	F/UTP	LSZH	26	**FP760H**		**FP7650**
Green	F/UTP	LSZH	26	**FP770H**		**FP7750**
Yellow	F/UTP	LSZH	26	**FP780H**		**FP7850**
Black	F/UTP	LSZH	26	**FP790H**		**FP7950**

CAT5E SF/UTP

Technical specifications

Conductor type	: Stranded (litze)
Outer diameter	: 5,60 mm
Bandwidth	: 100 MHz
Min. working temperature	: -40 °C
Max. working temperature	: 60 °C



SF/UTP

Colour	Shielding type	Outer jacket	AWG	500m rol
Grey	SF/UTP	LSZH	26	**FP510A**

Modular cable

4, 6, 8, en 10 adres

Technical specifications

Type	: Rol van 100 meter
Kabeltype	: Litze, 7 x 0,16 mm
Aderdiameter	: AWG26
Adermateriaal	: CCA

Modular cable

Colour	4 cores 100m	6 cores 100m	8 cores 100m	10 cores 100m
White	**TD604W**	**TD606W**	**TD608W**	
Black	**TD604Z**	**TD606Z**	**TD608Z**	**TD610Z**

Cable on reel - Coax cables

Coax cables

RG-58 / RG-174 / RG-59

Coax cable

Colour	Impedantie	Binnenader	Diëlectricum	Shielding typesmateriaal	Mantel	Outer diameter	100m
Black	50 Ω	CuSn 19 x 0.18 mm	PE, 2,95 mm	CuSn	PVC II	5 mm	**RG58ZT**
Black	50 Ω	FeCu 7 x 0,16 mm	PE,1,50 mm	Cu	PVC II	2,80 mm	**RG174Z**
Black	75 Ω	FeCu 0,58 mm	PE, 3,70 mm	Cu		6,15 mm	**RG59ZT**

D-Sub connectors

Standard Quality

Connector Standard Quality

D-sub male connectors with hollow solder contacts

- with hollow contacts for soldering

Technical specifications

Load max.	: 3 A
Testing voltage	: 1000 V
Housing	: Steel, tinned

Type no.	Manufacturer no.	Description
SCP09M	SCP09M	9 pole D-sub Male Connector
SCP15M	SCP15M	15 pole D-sub Male Connector
SCP25M	SCP25M	25 pole D-sub Male Connector
SCP37M	SCP37M	37 pole D-sub Male Connector
SCP50M	SCP50M	50 pole D-sub Male Connector

D-sub female connector with hollow solder contacts

- with hollow contacts for soldering

Technical specifications

Load max.	: 3 A
Testing voltage	: 1000 V
Housing	: Steel, tinned

Type no.	Manufacturer no.	Description
SCP09F	SCP09F	9 pole D-sub Female Connector
SCP15F	SCP15F	15 pole D-sub Female Connector
SCP25F	SCP25F	25 pole D-sub Female Connector
SCP37F	SCP37F	37 pole D-sub Female Connector
SCP50F	SCP50F	50 pole D-sub Female Connector

High Density D-sub Solder connector, male

- with hollow contacts for soldering

Technical specifications

Contacts	: Copperalloy
Isolation material	: Polyamide
Contactplating	: Gold over nickel
Housing	: Steel, tinned
Load max.	: 3 A

Type no.	Manufacturer no.	Description
SHD15M	SHD15M	15 pole High Density D-sub Connector Male, suitable for VGA
SHD26M	SHD26M	26 pole High Density D-sub Connector Male
SHD44M	SHD44M	44 pole High Density D-sub Connector Male

High Density D-sub Solder connector, female

- with hollow contacts for soldering

Technical specifications

Contacts	: Copperalloy
Isolation material	: Polyamide
Contactplating	: Gold over nickel
Housing	: Steel, tinned
Load max.	: 3 A

Type no.	Manufacturer no.	Description
SHD15F	SHD15F	15 pole High Density D-sub Connector Female, suitable for VGA
SHD26F	SHD26F	26 pole High Density D-sub Connector Female

Connector hoods

D-sub Hoods - Plastic, Long Locking Screws

- Hood in one piece
- Snap lock

Technical specifications

Color	: Black
Thread	: UNC 4-40
Type	: Long handscrew

Type no.	Manufacturer no.	Description
AFT09	AFT09	9 pole D-sub connector hood plastic
AFT25	AFT25	25 pole D-sub connector hood plastic

D-sub Hoods - Plastic, Easy Mounting

- Easy to assemble
- Strain relief integrated in hood
- Snap locking
- Screws are locked in hood by assemble

Technical specifications

Color	: Black
Thread	: UNC 4-40
Type	: Short handscrew

Type no.	Manufacturer no.	Description
EF4151	EF4151	9 pole D-sub connector hood plastic
EF4153	EF4153	15 pole D-sub connector hood plastic
EF4155	EF4155	25 pole D-sub connector hood plastic

D-sub Hoods - Plastic, Short Locking Screws, ivory

- Double hood
- Straight cableinput
- Strain relief
- Screw locking

Type no.	Manufacturer no.	Description
DGP09I	DGP09I	9 pole D-sub connector hood plastic

D-sub Hoods, Metal

- Straight cable input
- Inside strain relief
- Screw locking
- Short Screw

Type no.	Manufacturer no.	Description
DGP09E	DGP09E	9 pole D-sub connector hood, cable clamp 7 mm
DGP15E	DGP15E	15 pole D-sub connector hood, cable clamp 8 mm
DGP25E	DGP25E	25 pole D-sub connector hood, cable clamp 10 mm

Locking screws

D-sub connector couplers set

- Couplers for D-sub connector hoods

Technical specifications

Distance bolts : UNC 4-40

Type no.	Manufacturer no.	Description
ASVUK	ASVUK	Thread: UNC 440 (Unit 1 set)

D-sub connector bolts set

- Connector screws for D-sub connector hoods

Technical specifications

Distance bolts : UNC 4-40

ASVU10

Thread : UNC 440

Thread length : 6 mm

Type no.	Manufacturer no.	Description
ASVU10	ASVU10	Thread: UNC 440 (Order step quantity: 100)

230V connectors

IEC chassis

Rewireable C13 IEC Lock Connector

- Unique patented locking rewireable C13 IEC connector
- LSZH (low smoke zero Halogen) crucial for critical applications in military, broadcast, transportation, data centres sectors.

Technical specifications

Rating : 10A /250V Europe, 15A /250V USA

Material : LSZH

Approval : KEMA, UL (USA & Canada)

Type no.	Manufacturer no.	Description
SFO65	PA130100BK	C13 IEC Lock Connector female, lockable

C13 IEC Lock+ rewireable left or right angled connector

- Unique female C13 left or right angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Gender : Female

Connector design : Angled

Contact material : CuSnZn

Termination type : Screw

Housing material : Nylon (PA66) LSZH

Locking : IEC lock+

Approval : ENEC 05, KEMA, PSE, SAA, UL, UL94-V0

Type no.	Manufacturer no.	Description
SFO66A	PA130100RBK	C13 IEC Lock+ rewireable left or right angled connector

C13 IEC Lock+ rewireable up or down angled connector

- Unique female C13 up or down angled lockable connector
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Gender	: Female
Connector design	: Angled
Contact material	: CuSnZn
Termination type	: Screw
Housing material	: Nylon (PA66) LSZH
Locking	: IEC lock+
Approval	: ENEC 05, KEMA, PSE, SAA, UL, UL94-V0

Type no.	Manufacturer no.	Description
SFO67A	PA130100DBK	C13 IEC Lock+ rewireable up or down angled connector

Power Connector - 230V Europlug, C13 female

Technical specifications

Gender	: Female
Connector design	: Axial
Termination type	: Screw
Material	: UL 94 VO
Max.working temperature	: 70 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO20	43R011311	C13 Power connector female

Power Connector - 230V Europlug, C13 female left angled

Technical specifications

Gender	: Female
Connector design	: Angled
Termination type	: Screw
Max.working temperature	: 70 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO20L	43R011111	C13 Power connector female angled with cable outlet left

Power Connector - 230V Europlug, C13 female right angled

Technical specifications

Gender	: Female
Connector design	: Angled
Termination type	: Screw
Max.working temperature	: 70 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO20R	43R011211	C13 Power connector female angled with cable outlet right

Power Connector - 230V Europlug, C14 male

Technical specifications

Gender	: Male
Connector design	: Axial
Termination type	: Screw
Material	: UL 94 VO
Max.working temperature	: 70 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO25	42R041311	C14 Power connector male

Power Connector - 230V Europlug, C14 male left angled

- Cable outlet left

Technical specifications

Gender	: Male
Connector design	: Angled
Termination type	: Screw
Max.working temperature	: 70 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO25L	42R041211	C14 Power connector male angled with cable outlet left

Power connector - 230V Europlug, C14 male right angled

Technical specifications

Gender	: Male
Connector design	: Axial
Termination type	: Screw
Max.working temperature	: 70 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO25R	42R041111	C14 Power connector male angled with cable outlet right

Power plug C19

Power plug C19, 16 A/250V AC, black.

Type no.	Manufacturer no.	Description
SFO60	SFO60	Form: C19

Power Connector - 230V Europlug, C15 female

Technical specifications

Gender	: Female
Connector design	: Axial
Termination type	: Screw
Max.working temperature	: 120 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO50	43R012311	C15 Power connector female for 120 °C

Power Connector - 230V Europlug, C15 female left angled

Technical specifications

Gender	: Female
Connector design	: Angled
Termination type	: Screw
Max.working temperature	: 120 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO50L	43R012111	C15 Power connector angled left for 120 °C

Power Connector - 230V Europlug, C15 female right angled

Technical specifications

Gender	: Female
Connector design	: Angled
Termination type	: Screw
Max.working temperature	: 120 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO50R	43R012211	C15 Power connector female right angled for 120 °C

Power plug C20

Power plug C20, 16A/250V AC, black.

Type no.	Manufacturer no.	Description
SFO62	SFO62	Form: C20

Power Connector - 230V Europlug, C16 male

Technical specifications

Gender	: Male
Connector design	: Axial
Termination type	: Screw
Max.working temperature	: 120 °C
Approval	: CSA, SEMCO, SEV, UL, VDE

Type no.	Manufacturer no.	Description
SFO55	42R042311	C16 Power connector male for 120 °C

Net-entrees C13 female chassis lockable

- Suitable for panel thickness of 1.5 mm

Technical specifications

Colour	: Black
Panel thickness	: 1.50 mm
Material socket	: Thermoplastic UL94V-0
Standards	: IEC/ECN 60320-2-2/F UL498, CSA C22.2 No 182.3-M1987
Approvals	: 10 A / 250 VAC: ENEC05, KEMA KEUR, 15 A / 250 VAC: UL

Type no.	Manufacturer no.	Description
STF70	PA135015BK	C13 Net Entree female lockable, Black

Net-entrees C19 female chassis lockable

- Suitable for panel thickness of 1.5 mm

Technical specifications

Colour	: Black
Panel thickness	: 1.50
Material socket	: Thermoplastic UL94V-0
Standards	: IEC/ECN 60320-2-2/F UL498, CSA C22.2 No 182.3-M1987
Approvals	: 10 A / 250 VAC: ENEC05, KEMA KEUR, 15 A / 250 VAC: UL

Type no.	Manufacturer no.	Description
STF72	PA195015BK	C19 Net Entree Female Lockable, Black

Socket Locker

Type no.	Manufacturer no.	Description
STF10	STF10	C13 Socket Locker
STF11	STF11	C19 Socket Locker

Power-entrees

Net-entrees male horizontal mounting holes

Type no.	Manufacturer no.	Description
STF40	42R014122	C14 Net Entree Male with screw terminals for 65 °
STF40F	42R024212	C14 Net Entree Male with 6,3 mm faston tabs for 65 °

Net-entrees female chassis horizontal mounting holes

Type no.	Manufacturer no.	Description
STF45	43R021111	C13 Net Entree Female with screw terminals for 65 °C
STF45F	43R031121	C13 Net Entree Female with 6,3 mm faston tabs for 65 °C

Cable management

Optimal management of your cabling

Choose cable management to:
1. Organise and guide bundeled cables
2. Separate cables per application
3. Identify individual ports

Organise and guide cables in bundles
Network cables and fiber cables from a switch or server are often bundeled before bridging a distance of a few meters. This could be in a network cabinet or server room within an office network or datacenter.
Cables in a server cabinet or networking cabinet are bundeled by cable management panels and cable ties (also called zip tie and zap strap).

For optimal cable management we advise a cable management panel for every third patch panel. For vertical guidance you can use cable routers / shunting or a combination of cable ties and cable tie holders like pictured beside.
Tip: For bridging longer distances we advise our spiralbands.

Seperate cables per application
Within a network you will find cables suitable for different applications. In a data network this can be telephony, data and backup cabling. In the power supply different cabling is used for the main data source and the backup supply which typically come from the UPS. To make a clear distinction between these applications it's best to use coloured cabling. By using coloured cables it is possible to distinguish different applications at once.

Identify individual ports
In a data network you want to know which port of the switch is connected to which desk. This can be achieved by labeling individual cables and record what cable is used by what connection. Most common is usage of alfanumerical series with the same label on both sides.

Cable management

Twist transparent cable tie

- Tie-up cables at economical cost
- Open the ties to place the cable in the tie and twist to fix

Technical specifications

Material : UL 94V-2 Nylon 66
Color : Naturel transparent

Type no.	Manufacturer no.	Description
CT4014	CT4014	Twist cable tie transparent 11 mm (Bag 100 pcs)
CT4015	CT4015	Twist cable tie transparent 22 mm (Bag 100 pcs)
CT4016	CT4016	Twist cable tie transparent 28 mm (Bag 100 pcs)

Hook & Loop cable tie

- Cable management

Technical specifications

Material : Hook side PP / loop side nylon
Color : Black

Type no.	Manufacturer no.	Description
CT4003	CT4003	Hook & Loop cable tie 12/125 mm (Bag 20 pcs)
CT4004	CT4004	Hook & Loop cable tie 12/150 mm (Bag 20 pcs)
CT4005	CT4005	Hook & Loop cable tie 12/180 mm (Bag 20 pcs)
CT4006	CT4006	Hook & Loop cable tie 16/210 mm (Bag 20 pcs)
CT4007	CT4007	Hook & Loop cable tie 16/240 mm (Bag 20 pcs)
CT4008	CT4008	Hook & Loop cable tie 16/310 mm (Bag 20 pcs)

Hook & Loop cable tie

Hook & Loop is strong and easy to use. This Hook & Loop is double sided (back to back) and available in several widths. The standard length on a roll is 10meters.

- Cord and cable management (UTP/STP/Fiber)

Technical specifications

Material : Hook side PP / loop side nylon
Color : Black

Type no.	Manufacturer no.	Description
CT4009	CT4009	Hook & Loop cable tie 15 mm (Reel 10 mtr)
CT4010	CT4010	Hook & Loop cable tie 20 mm (Reel 10 mtr)

Hook & Loop cable tie strong

Hook & Loop is strong and easy to use. This Hook & Loop is double sided (back to back) and available invarious widths.

- Cord and cable management (UTP/STP/Fiber).

Technical specifications

Length : 25.00 m
Material : Hook side PP / loop side nylon
Colour : Black

Type nr.	Fabrikant nr.	Omschrijving
CT4041	CT4041	Hook & Loop cable tie strong, 12 mm (Rol 25 mtr)
CT4043	CT4043	Hook & Loop cable tie strong, 20 mm (Rol 25 mtr)

Hook & Loop cable tie strong

Hook & Loop is strong and easy to use. This Hook & Loop is double sided (back to back) and available invarious widths. The standard length on a roll is 25 metres.

- Cord and cable management (UTP/STP/Fiber).

Technical specifications

Length	: 25.00 m
Material	: Hook side PP / loop side nylon
Colour	: Black

Type no.	Manufacturer no.	Description
KL10	KL10	Hook & Loop cable tie strong, 10 mm
KL12	KL12	Hook & Loop cable tie strong, 12 mm
KL16	KL16	Hook & Loop cable tie strong, 16 mm
KL20	KL20	Hook & Loop cable tie strong, 20 mm
KL25	KL25	Hook & Loop cable tie strong, 25 mm

Desktop Cableclip

- Supports cables with a thickness 4 to 10mm
- Double sided tape for easy mounting
- 4 CableClips (2x black + 2x white)

Type no.	Manufacturer no.	Description
EW1560	EW1560	CableClips suited for cables from 4 up to 10mm thickness

Desktop CableRack

- 2 CableRacks (black)
- Suited for 10 cables 4 to 10 mm thickness
- With strong double-sided tape for installation on any smooth surface
- 2 CableRacks (black)

Type no.	Manufacturer no.	Description
EW1565	EW1565	CableClip suited for 10 cables from 4 up to 10mm thickness

Cable Markers

Set of 10x 10 cablemarkers, numbered 0 - 9, each with its own color. Suitable for cable diameter of 4 - 6 mm

Technical specifications

Contents	: Set of 10x 10 cable markers (numbered 0 to 9)

Type no.	Manufacturer no.	Description
FA1500	FA1500	Cable Markers, colored

Wire marker self adhesive

- Stick to wires for permanent identification
- Used for cable after or before terminal is attached

Technical specifications

Length : 33.00 mm
Width : 5,6 mm

Type no.	Manufacturer no.	Description
CT4011	CT4011	Marking: 0~9 (Unit 1 set)
CT4012	CT4012	Marking: A~Z,/,+,-,0~15 (Unit 1 set)

Spiral cord

Technical specifications

Colour : Black

Type no.	Manufacturer no.	Description
CT4031	CT4031	25 mm Spiral cord, length 20 metre (Reel 20 mtr)
CT4030	CT4030	20 mm Spiral cord, length 30 metre (Reel 30 mtr)
CT4029	CT4029	15 mm Spiral cord, length 50 metre (Reel 50 mtr)

Tool for Spiral cord

Type no.	Manufacturer no.	Description
CT4032	CT4032	Tool for Spiral cord 15 mm
CT4033	CT4033	Tool for Spiral cord 20 mm
CT4034	CT4034	Tool for Spiral cord 25 mm

Wiring duct round type PVC

- Backed with double sided adhesive tape
- Special grooves design to avoid slip

Technical specifications

Material : UL 94V-0
Color : Grey
Length : 2.00 m

Type no.	Manufacturer no.	Description
CT4000	CT4000	Wiring duct round type PVC 50 mm
CT4001	CT4001	Wiring duct round type PVC 90 mm

Wiring duct round type with aluminium cover

- Backed with double sided adhesive tape
- Special grooves design to avoid slip

Technical specifications

Material	: UL 94V-0 and Aluminium alloy
Color	: Grey
Length	: 1.00 m

Type no.	Manufacturer no.	Description
CT4002	CT4002	Wiring duct round type with aluminium cover 70 mm

Ty-raps

Ty-raps

Transparent cable tie

Technical specifications

Material	: UL approved transparent nylon 6/6

Type no.	Manufacturer no.	Description
CT1050	CT1050	Length: 203 / 4.6 mm (Bag 100 pcs)
CT1060	CT1060	Length: 280 / 4.8 mm (Bag 100 pcs)
CT1070	CT1070	Length: 385 / 4.8 mm (Bag 100 pcs)
CT1010	CT1010	Length: 100 / 2.5 mm (Bag 100 pcs)
CT1080	CT1080	Length: 380 / 7.6 mm (Bag 100 pcs)
CT1030	CT1030	Length: 150 / 3.6 mm (Bag 100 pcs)
CT1040	CT1040	Length: 203 / 3.6 mm (Bag 100 pcs)

Black cable tie

Technical specifications

Material	: UL approved, weather resistant (UV) black nylon 6/6

Type no.	Manufacturer no.	Description
CT1045	CT1045	Length: 203 / 3.6 mm (Bag 100 pcs)
CT1055	CT1055	Length: 203 / 4.6 mm (Bag 100 pcs)
CT1015	CT1015	Lengte: 100 / 2,5 mm (Bag 100 pcs)
CT1075	CT1075	Length: 385 / 4.8 mm (Bag 100 pcs)
CT1090	CT1090	Length: 450 / 8.0 mm (Bag 100 pcs)
CT1035	CT1035	Length: 150 / 3.6 mm (Bag 100 pcs)

Marker cable tie

With these cable marker ties, you can label and tie cables at the same time.

Technical specifications

Including : Mark label

Type no.	Manufacturer no.	Description
CT1300	CT1300	Length: 100 mm (Bag 100 pcs)
CT1310	CT1310	Length: 200 mm (Bag 100 pcs)

Cable tie mounts - Screw

Cable tie mounts are used in combination with cable ties CT1010 - CT1055, mounting by 1 screw or M6 bolt directly to the wall or desk.

Material: nylon.
Colour: white/transparent.

Technical specifications

To be used with : Cable ties CT1010-CT1055
Material : Nylon
Colour : Transparant

Type no.	Manufacturer no.	Description
CT1200	CT1200	Size: 16x23x9 mm (Bag 100 pcs)

Cable tie mounts - Glue

CT 1260 - max. width tie wrap 4,6 mm
CT 1270 - max. width tie wrap 5,5 mm

Technical specifications

Material : Nylon
Colour : Transparant

Type no.	Manufacturer no.	Description
CT1260	CT1260	Max. width: 4.60 mm (Bag 100 pcs)
CT1270	CT1270	Max. width: 5.50 mm (Bag 100 pcs)

Cable tie Tool

CT3000: Plastic cable tie tool for cables of 2,5 - 5,0 mm, for incidental use.
CT3010: Metal cable tie tool for cables of 2,5 - 5,0 mm, for professional use, with adjustment screw.

Technical specifications

Colour : Yellow/Black

Type no.	Manufacturer no.	Description
CT3000	CT3000	Quality: Economy
CT3010	CT3010	Quality: Professional

intronics

Professional Audio / Video and KVM

Through years of experience in the professional AV and KVM world, our professionals are able to think in solutions, not products. We know the market and are providing our customers with independent advice and we are in direct contact with manufacturers.

Thanks to intensive training by our manufacturers, we are able to advise the latest technologies and solutions. The recommended applications are tested in our lab, so you can always rely on our advice.

The team has a lot of technical knowledge and experience to be able to advise the best solution in the AV and KVM market. We share this knowledge with you in the pre-sales process as well as through training and demonstrations. For more information please please contact our Audio / Video department.

Benefits of working with the Audio / Video team:

- Years of experience in the field
- Thinking in solutions
- Independent advice
- Direct contact with manufacturers
- Trained in the latest developments
- Our own fully equipped AV test lab

We also offer the opportunity to hire our specialized staff for additional support, such as configuration or put our products into operation.

The AV Lab is used for pre- and after-sales support such as:

- ✓ Check of products
- ✓ Construction of proof of concepts
- ✓ Research & development
- ✓ Beta testing
- ✓ Expanding knowledge

Extension

Benefits Extension

The distance between an audio/video source and a display could be to big to be bridged by cables. The cable length for HDMI or DVI is usually 5 metres. Moreover, in many cases the cables are relatively thick, rigid and have large connectors. This makes it difficult to process. An extender is therefor the ideal solution.

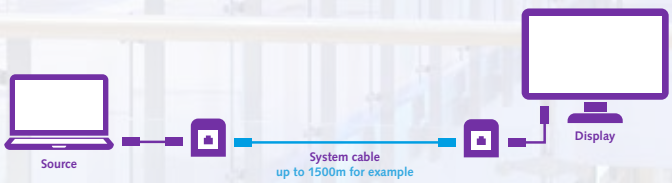
Why choose extension?
- Environmental factors: temperature, moisture, dust and noise.
- Security: a computer or video source is expensive and vulnerable. It is smart to place the hardware in a safe location to keep the access limited.
- Management: servers and computer systems are in one room.

Some examples of applications in retail, office and waiting rooms:
- Store: to display information on a screen remote or for access to a computer at a desk
- Office: screens for the whole company to inform staff or to connect a projector
- Waiting room: to remotely display information on a screen

An extender set functions in combination with a CATx or fiber cable.

Benefits CATx:
- Relatively cheap (both the cable and the extension equipment)
- The processing of the cable is relatively easy. To cut a cable and to put a connector on a cable CATx is simple compared with a fiber connector

Benefits Fiber:
- Fiber is used to communicate over long distance
- EM interference-free and galvanic isolation, that makes the solution suitable for medical applications



Example of extension with extender

In this catalog you will find our extensive range of cables, you can always find the right cable for your extension solution.

ACT: extenders

AV Extenders are used to transmit image and sound to a monitor over longer distances. In a meeting room, for example, an extender is used to show a presentation on the screen.

Audio/video

Over CATx

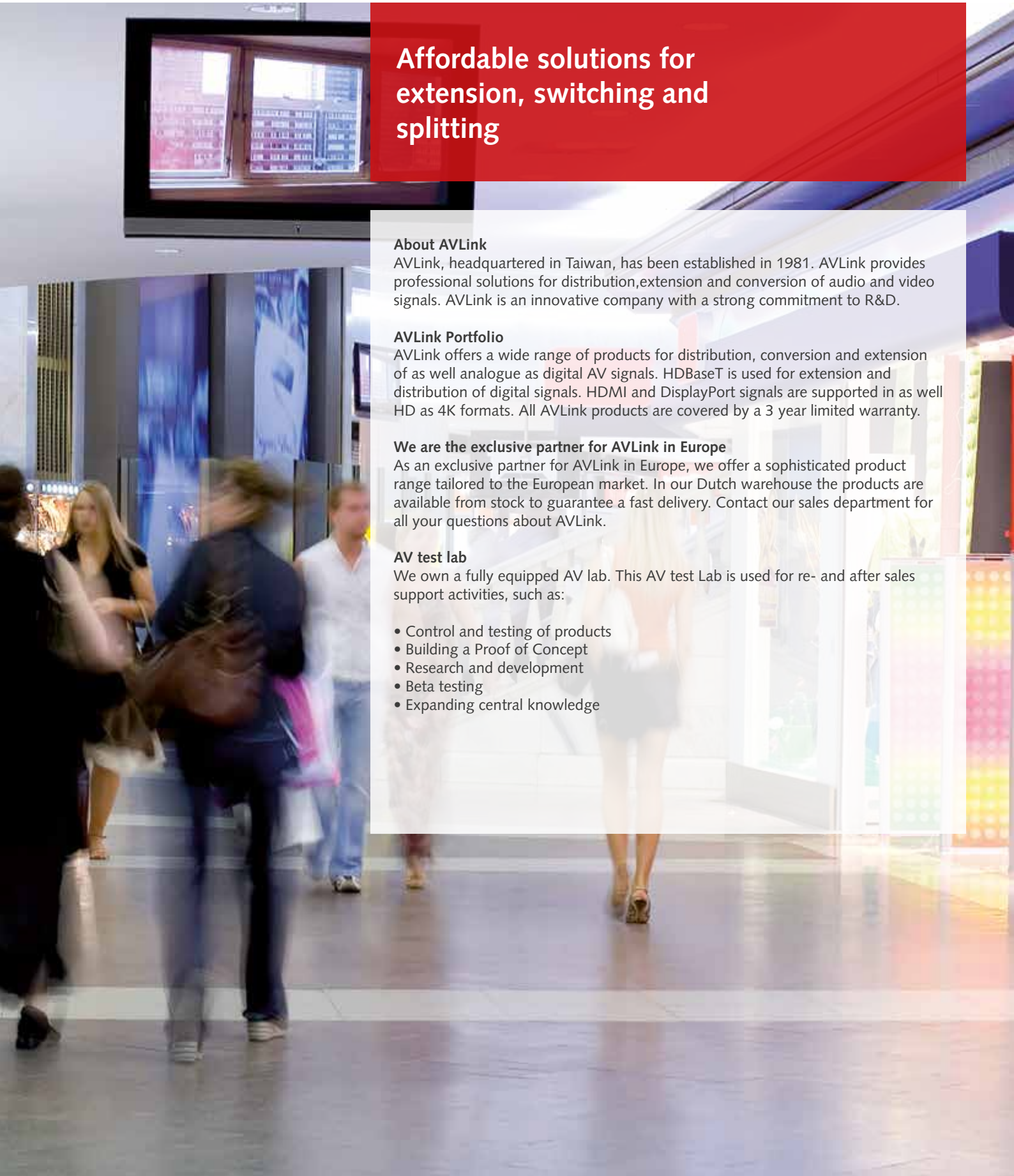
ACT

ACT HDMI Extenders

The ACT extenders extend the signal by using a network cable (also called UTP, CAT or patch cable). Extenders use a direct connection or over the existing IP network.

Type no.	AC7800	AC7810	AC7850	AC7851	AC7820
Description	HDMI extender set via UTP cable, max. 50m	HDMI extender set via UTP cable, max. 60m, with IR set	HDMI over IP Extender - set	HDMI over IP Receiver (for AC7850)	HDMI Repeater via HDMI cable
Extension over	CATx	CATx	CATx	CATx	HDMI
Extension cable	CAT6 1x	CAT6 1x	CAT6 1x	CAT6 1x	HDMI
Extension connector	RJ45	RJ45	RJ45	RJ45	HDMI
Extension protocol	Own	Own	IP	IP	-
4K Compatible	No	No	No	No	Yes
Max. resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	3840 x 2160 @ 60 Hz
3D support	1920 x 1080 @ 30/60 Hz	1920 x 1080 @ 30/60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 30/60 Hz
Audio Passthrough	DTS-HD MA Dolby True-HD Dolby Digital	DTS-HD MA Dolby True-HD Dolby Digital	2CH Stereo	2CH Stereo	DTS-HD MA Dolby True-HD Dolby Digital
Power supply	Adapter 5V 1A	Adapter 5V 1A	5V 1A	5V 1A	Bus powered
Included	Power adapter x2	Power adapter x2 R-RX cable, IR-TX cable	Power adapter x2 IR-RX cable, IR-TX cable	Power adapter IR-RX cable	-
Connections	HDMI, RJ45	HDMI, RJ45, IR-RX, IR-TX	HDMI, RJ45	HDMI, RJ45	HDMI
Connections in	HDMI female 1x	HDMI female 1x	HDMI female 1x RJ45 female 1x	RJ45 female 1x	HDMI female 1x
Connections out	HDMI female 1x	HDMI female 1x	HDMI female 1x RJ45 female 1x	HDMI female 1x	HDMI female 1x
Max. extension distance	50 m	60 m	100 m	100 m	40m 1920x1080 @60Hz 25m 3820x2160 @60Hz
Video signal	HDMI	HDMI	HDMI	HDMI	HDMI
Video support	EDID	EDID	EDID	EDID	EDID – CEC passthrough – HDCP 2.2 & 1.4 compliant
HDMI specifications	HDMI 1.4a	HDMI 1.4a	HDMI 1.4a	HDMI 1.4a	HDMI 2.0

AV LINK GROUP LTD.



Affordable solutions for extension, switching and splitting

About AVLink
AVLink, headquartered in Taiwan, has been established in 1981. AVLink provides professional solutions for distribution,extension and conversion of audio and video signals. AVLink is an innovative company with a strong commitment to R&D.

AVLink Portfolio
AVLink offers a wide range of products for distribution, conversion and extension of as well analogue as digital AV signals. HDBaseT is used for extension and distribution of digital signals. HDMI and DisplayPort signals are supported in as well HD as 4K formats. All AVLink products are covered by a 3 year limited warranty.

We are the exclusive partner for AVLink in Europe
As an exclusive partner for AVLink in Europe, we offer a sophisticated product range tailored to the European market. In our Dutch warehouse the products are available from stock to guarantee a fast delivery. Contact our sales department for all your questions about AVLink.

AV test lab
We own a fully equipped AV lab. This AV test Lab is used for re- and after sales support activities, such as:

- Control and testing of products
- Building a Proof of Concept
- Research and development
- Beta testing
- Expanding central knowledge

AVLink

DisplayPort repeater

Technical specifications

Extension via	: DisplayPort cable
Connections (in)	: DisplayPort female (x1)
Connections (out)	: DisplayPort female (x1)
Extension protocol	: Own
Max. resolution @ 60Hz	: 2160p
Video signal	: DisplayPort
Video support	: EDID
DisplayPort specification	: DisplayPort 1.2
Power supply	: External power supply
Included	: Power adapter (x2, including Euro plugs and adjustable adapters) and mount material

Type no.	Manufacturer no.	Description
LK1045	DP-111W	DisplayPort repeater up to 10 meters

HDMI extender set UTP/HDBaseT

- HDBaseT compatible
- Supports bi-directional RS-232 signal

Technical specifications

Connections (in)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1), RJ45 female (x1)
Connections (out)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1), RJ45 female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4
Other signals	: RS-232
Power supply	: External power supply
Included	: Power adapter (x2, including Euro plugs and exchangeable adapters), cables and mount material, IR cables

Type no.	Manufacturer no.	Description
TV8015	HDMI-SXW	HDMI extender set UTP/HDBaseT up to 70 meters

HDMI extender set UTP/HDBaseT

- HDBaseT compatible
- Bi-directional RS-232 signal
- Local HDMI bypass port

Technical specifications

Connections (in)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x2), RJ45 female (x1)
Connections (out)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1), RJ45 female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Video signal	: HDMI
Video support	: CEC, HDCP
HDMI specification	: HDMI 1.4
Other signals	: RS-232
Power supply	: External power supply
Included	: Power adapter (x2, including Euro plugs and exchangeable adapters), cables and mount material, IR cables

Type no.	Manufacturer no.	Description
AB7410	HDMI-EXW	HDMI extender set UTP/HDBaseT up to 100 meters

HDMI extender set UTP

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1), RJ45 female (x2)
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x2)
Extension cable	: CATx (x2)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1080p
Video signal	: HDMI
Video support	: DDC, HDCP
HDMI specification	: HDMI 1.3
Power supply	: External power supply
Included	: Power adapter (x2, including Euro plugs and exchangeable adapters), cables and mount material, IR cables

Type no.	Manufacturer no.	Description
AB7400	HDMI-EP	HDMI 1.3 extender set CATx up to 60 meters

DVI extender set UTP/HDBaseT

- HDBaseT compatible
- Bi-directional RS-232 signal

Technical specifications

Connections (in)	: D-sub 9-pin female (x1), DVI 24+5-pin female (x1), RJ45 female (x1)
Connections (out)	: DVI 24+5-pin female (x1), RJ45 female (x1), RS-232 female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI
Video support	: HDCP
DVI specification	: DVI-I Single Link
Other signals	: RS-232
Power supply	: External power supply
Included	: Power adapter (x2, including Euro plugs and exchangaeble adapters), cables and mount material, IR cables

Type no.	Manufacturer no.	Description
TV8016	DVI-EXW	DVI extender set UTP/HDBaseT up to 100 meters

DVI extender set UTP

Technical specifications

Connections (in)	: DVI 18+5-pin female (x1), RJ45 female (x2)
Connections (out)	: DVI 18+5-pin female (x1), RJ45 female (x2)
Extension cable	: CATx (x2)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1600 x 1200
Video signal	: DVI
Video support	: DDC, HDCP
DVI specification	: DVI-D Single Link
Power supply	: External power supply
Included	: Power adapter x2 (including Euro plugs and adjustable adapters)

Type no.	Manufacturer no.	Description
AB7302	DVI-EH	DVI-D single link extender set CATx up to 50 meters

VGA extender set UTP

- Power required for only one unit, transmitter or receiver.

Technical specifications

Connections (in)	: RJ45 female (x1), VGA HD D-sub 15-pin female (x1)
Connections (out)	: RJ45 female (x1), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 2048 x 1536
Video signal	: VGA
Power supply	: External power supply
Included	: Power adapter (including Euro plugs and exchangeable adapters), VGA cable

Type no.	Manufacturer no.	Description
AB7230	VGA-E80	VGA extender set CATx up to 80 meters

Audio extender set UTP

- Built-in microphone pre-amplifier.

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Included	: Power adapter (x2, including Euro plugs and exchangeable adapters), cables and mount material, IR cables
Power supply	: External power supply

AB7500

Connections (in)	: 3,5 mm jack female (x2), RJ45 female (x1)
Connections (out)	: 3,5 mm jack female (x2), RJ45 female (x1)
Max. extension distance	: 300 m

Type no.	Manufacturer no.	Description
AB7500	AUDIO-E	Audio extender set UTP to 300 meters

RS-232 extender set

- Including power adapter, 20 cm null modem cable.

Technical specifications

Connections (in)	: D-sub 9-pin female (x1)
Connections (out)	: D-sub 9-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Power supply	: External power supply
Included	: Power adapter, null modem cable 20 cm

Type no.	Manufacturer no.	Description
AB7600	RS232-E+	RS-232 extender set 1000 meters

HDMI over IP extender set

Optional available: extra receiver LK1041.

- Supports multicast functionality
- Local bypass port
- Webserver system setup possible
- Configuration via built-in web gui

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1), RJ45 female (x1)
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: IP
Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.3
Power supply	: External power supply
Included	: Power adapter (x2, including Euro plugs and exchangeaeble adapters), cables and mount material, IR cables

Type no.	Manufacturer no.	Description
LK1031	HDM-ENW	HDMI over IP xtender set UTP up to 100 meters

Receiver unit for LK1031

Optional extra receiver unit for the LK1031.

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: IP
Max. resolution @ 60Hz	: 1080p
Power supply	: External power supply
Included	: Power adapter (including Euro plugs and exchangeable adapters), cables and mount material, IR cables

LK1041

Connections (in)	: RJ45 female (x1)
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.3

Type no.	Manufacturer no.	Description
LK1041	HDM-RNW	Receiver unit for LK1031

Adder

ADDERLink DV extender set DVI/HDMI

Available in DVI-D or HDMI version.

- Fully powered by a single USB connection
- Power efficient, low heat production

Technical specifications

Connections (in)	: DVI 18+1-pin male (x1), HDMI A (full-size) male (x1)
Connections (out)	: DVI 18+1-pin male (x1), HDMI A (full-size) male (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI, HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.3
Power supply	: USB powered

Type no.	Manufacturer no.	Description
AD2006	ALDV120P	ADDERLink DV extender set DVI to 50 meters
AD2008	ALDV100P	ADDERLink DV extenderset HDMI to 50 meters

ADDERLink LPV VGA extender set

- Fully powered by a single USB connection
- Low heat production and power usage

Technical specifications

Connections (in)	: RJ45 female (x1), USB A female (x1), VGA HD D-sub 15-pin male (x1)
Connections (out)	: RJ45 female (x1), VGA HD D-sub 15-pin male (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1080p
Video signal	: VGA
Video support	: DDC, EDID
Power supply	: Bus powered

Type no.	Manufacturer no.	Description
AD1008	ALPV150P	ADDERLink LPV VGA extender set

ADDERLink AV100 serie VGA+audio transmitter

- Keep local audio / video output or connect another transmitter using the loop-through connections
- A max. resolution of 1920 x 1080 at 100 meters, max. extension of 300 meters at a resolution of 1280 x 1024

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Other signals	: Analog audio
Power supply	: External power adapter
Included	: Power supply

AD1001

Connections (in)	: 3,5 mm jack female (x1), VGA HD D-sub 15-pin female (x1)
Max. extension distance	: 300 m
Video signal	: VGA
Video support	: EDID

Type no.	Manufacturer no.	Description
AD1001	ALAV100T-IEC	ADDERLink AV100 Serie VGA+audio transmitter

ADDERLink AV100 serie VGA+audio receiver

- Double output to re-use the extended signal or connect two screens
- A max. resolution of 1920 x 1080 at 100 meters, max. extension of 300 meters at a resolution of 1280 x 1024

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1080p
Other signals	: Analog audio
Power supply	: External power adapter
Included	: Power supply

AD1003

Connections (out)	: 3,5 mm jack female (x2), VGA HD D-sub 15-pin female (x2)
Max. extension distance	: 300 m
Video signal	: VGA
Video support	: EDID

Type no.	Manufacturer no.	Description
AD1003	ALAV101R-IEC	ADDERLink AV100 serie VGA+audio receiver

ADDERLink AV100 serie VGA+audio transmitter 4 port

- A max. resolution of 1920 x 1080 at 100 meters, max. extension of 300 meters at a resolution of 1280 x 1024

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Other signals	: Analog audio
Power supply	: External power adapter
Included	: Power supply

AD1004

Connections (in)	: 3.5 mm jack female (x2), VGA HD D-sub 15-pin female (x2)
Max. extension distance	: 300 m
Video signal	: VGA
Video support	: EDID

Type no.	Manufacturer no.	Description
AD1004	ALAV104T-IEC	ADDERLink AV100 serie VGA+audio transmitter 4 port

tvONE

Specialist in video processing, signal distribution and conversion

In professional audio / video applications you often have to deal with different video sources with their own resolutions and signal types. These signals and resolutions must be processed before they are useful. Converters and scalers provide the solution. tvONE offers specialized solutions for video processing, signal distribution and conversion.

CORIOmax product family with new levels of video processing
CORIOmax includes Corio Matrix, Matrix mini Corio, Corio Master, Corio and Master mini. Using tvONE's latest CORIO®3 technology, it gives the user access to new levels of video processing power to achieve new heights of creative and dynamic videowall displays. All this is possible in one 1RU chassis.

CORIOmatrix (TN8114) and CORIOmatrix mini (TN2084)
The CORIOmatrix by TV One is a modular audio/videomatrix with 16 slots by which a maximum of 32 I/O module combinations are possible. With this device you can switch between incoming video signals to freely choosable output formats and resolutions. The device supports up, down and cross conversion. You can convert from low to high resolutions and vice versa.
Corio matrix is available with an output module without scaling. Free CORIOgrapher for online and offline configuration of video walls is included.

CORIOmaster (TN8117),CORIOmaster mini (TN2069) and CORIOmaster micro (TN2087)
CORIOmaster offers a new, more efficient approach to building Videowall systems. Using tvONE's latest CORIO®3 technology, it gives the user access to new levels of video processing power to achieve new heights of creative and dynamic videowall displays. All this is possible in one 4RU chassis. Multiple windows can be used on a video wall to display the physical inputs into CORIOmaster. Windows can be sized to fit the wall or multiple windows added, resized and rotated 360 degrees on the video wall independent of the output rotation. Each system can support up to 4 separate videowalls and projector edge-blends with up to 14 windows depending on the source resolution, frame rate and size of windows.

More information about tvONE can be found in our Professional Audio/Video and KVM catalogue

tvONE

4K HDMI transmitter HDBaseT

Part of the TN8145/TN8146 HDMI Extender set

- Including DVI to HDMI cable adapter

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT Lite
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter, DVI to HDMI adapters

TN8145

Connections (in)	: HDMI A (full-size) female (x1)
Connections (out)	: HDMI A (full-size) female (x1)
Max. extension distance	: 60 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT Lite

Type no.	Manufacturer no.	Description
TN8145	1T-CT-641-EU	4K HDMI transmitter HDBaseT

4K HDMI receiver HDBaseT

Part of the TN8145/TN8146 HDMI Extender set.

- Receives HDMI signal up to 60 metres

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT Lite
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter, DVI to HDMI adapter

TN8146

Connections (out)	: HDMI A (full-size) female (x1)
Max. extension distance	: 60 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
TN8146	1T-CT-642	4K HDMI receiver HDBaseT

4K HDMI transmitter UTP (7-port)

This 7-ports transmitter can be used with the TN8146 receiver.

- CEC bypass

Technical specifications

Extension cable	: CATx (x7)
Extension connector	: RJ45
Extension protocol	: HDBaseT 3play
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Power adapter

TN8147

Connections (in)	: HDMI A (full-size) female (x1)
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x7)
Max. extension distance	: 60 m
Video signal	: HDMI
Video support	: CEC, HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT Lite

Type no.	Manufacturer no.	Description
TN8147	1T-CT-647	4K HDMI transmitter UTP (7-port)

HD-One DX HDMI transmitter HDBaseT

Part of the TN2010/TN015 extender set.

- Supports embedded HDMI audio
- Max. resolution/distance: 2160p @ 60 metres, 1080p @ 100 metres

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Power adapter

TN2010

Connections (in)	: HDMI A (full-size) female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2010	2211093-02	HD-One DX HDMI transmitter HDBaseT

HD-One DX HDMI receiver HDBaseT

Part of the TN2010/TN2015 extender set.

- Supports embedded HDMI audio
- Max. resolution/distance: 2160p @ 60 metres, 1080p @ 100 metres

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter

TN2015

Connections (out)	: HDMI A (full-size) female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2015	2211094-02	HD-One DX HDMI receiver HDBaseT

HD-One LX HDMI transmitter HDBaseT

Part of the TN2017/TN2019 extender set.

- Supports embedded HDMI audio
- Bi-directional RS-232
- Max. resolution/distance: 2160p @ 60 metres, 1080p @ 100 metres

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, IR, RS-232
Power supply	: External power supply
Included	: Power adapter

TN2017

Connections (in)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2017	2211095-02	HD-One LX HDMI transmitter HDBaseT

HD-One LX HDMI receiver HDBaseT

Part of the TN2017/TN2019 extender set.

- Supports embedded HDMI audio
- Bi-directional RS-232
- Max. resolution/distance: 2160p @ 60 metres, 1080p @ 100 metres

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, IR, RS-232
Power supply	: External power adapter
Included	: Power adapter

TN2019

Connections (out)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2019	2211096-02	HD-One LX HDMI receiver HDBaseT

HD-One DX-500 HDMI receiver HDBaseT

Part of the TN2021/TN2023 extender set. HDBaseT

- Supports embedded HDMI audio

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter

TN2023

Connections (out)	: HDMI A (full-size) female (x1)
Max. extension distance	: 152 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2023	2211122-01	HD-One DX 500 HDMI receiver HDBaseT

HD-One LX-500 HDMI transmitter HDBaseT

Part of the TN2027/TN2029 extender set

- Supports embedded HDMI audio
- Bi-directional RS-232

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, IR, RS-232
Power supply	: External power supply
Included	: Power adapter

TN2027

Connections (in)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1)
Max. extension distance	: 152 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2027	2211123-01	HD-One LX-500 HDMI transmitter HDBaseT

HD-One LX-500 HDMI receiver HDBaseT

Part of the TN2027/TN2029 extender set.

- Supports embedded HDMI audio
- Bi-directional RS-232

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, IR, RS-232
Power supply	: External power supply
Included	: Power adapter

TN2029

Connections (out)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x1)
Max. extension distance	: 152 m
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
TN2029	2211124-01	HD-One LX-500 HDMI receiver HDBaseT

Atlona

Atlona: AV signal distribution for professional use

Atlona, based in Silicon Valley, develops innovative solutions for applications in the AV signal distribution.

Atlona distinguishes itself by offering total solutions, including unique features for applications, in vertical markets such as education, business and hospitality.

Top 3 Atlona advantages

10-year warranty

Atlona Academy: Increase your knowledge of Audio and Video Connectivity Solutions during free training sessions

Technical and sales support by factory trained engineers

Atlona assortment

HDVS: HDBaseT Switchers, Scalers, Extenders and Soft Codec Conferencing System
The Atlona HDVS Series is a family of complete, fully featured AV systems for a wide variety of applications and environments where people gather to communicate and collaborate. A host of advanced features and capabilities enable simplified user operation, system designs ideally sized for huddle rooms and small meeting spaces.
• Multi-Format HDBaseT Switchers or VGA and HDMI sources
• Automatic Switching and Display Control
• EDID and HDCP management for optimal image quality and switching performance

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HDR: HDMI distribution and extension
The Atlona HDR series is a family of HDMI distribution and extension products for 4K/60 4:4:4 video and high dynamic range (HDR) formats. Designed to deliver dependable, pristine-quality 4K HDR image presentations in residential and commercial applications, Atlona HDR switching and distribution products are ideal for applications including:
• Installations utilizing the latest UHD and HDR sources such as
• Ultra HD Blu-ray players, plus compatible televisions and projectors
• TV showrooms requiring reliable content distribution to televisions to properly demonstrate high quality 4K and HDR programming
• Professional AV applications with full-motion, highly detailed 4K graphics presentations for visualization, 3D renderings, simulations, and more.

Wireless Presentation: Any Device, Any OS, Any Interface
Atlona's SW-510W is the most versatile AV switcher.
With this all-in-one multi-format presentation switch you have a ready-made solution for a wide range of applications such as Huddle, conference and board rooms.

In addition to traditional inputs such as HDMI and Displayport, the Sw-510W also has USB-C and BYOD (Bring Your Own Device). With this wireless WIFI input it is possible to connect iOs, Android, Chromebook or Miracast devices wirelessly without installing a 3rd party app.

OmniStream: AV over a standard Gigabit network
OmniStream is an all-new AV over IP product family from Atlona for distributing 4K video, audio, and control over a standard Gigabit network. OmniStream features SMPTE VC-2 codes, a light compression algorithm developed by the BBC with absolutely minimal encode-to-decode latency @60hz. OmniStream encrypts data with AES128 encryption.
It delivers the performance and dependability of traditional AV distribution, with the virtually unlimited scalability, and cost efficiency of integrating over IP networks.

Key Features:
- Supports 4K/Ultra HD
- Visually lossless compression
- 4K video content distribution over IP-network
- System Redundancy and Failover
- Encrypts data with AES128 encryption
- Ultra Low latency
- Power over Ethernet

Velocity: flexibel AV, IP & Cloud based control platform
The Atlona Velocity™ Control System is a new AV control platform for very fast, agile control system configuration and deployment, from individual meeting rooms up to an entire campus or enterprise. The Velocity AV Control System is comprised of three distinct elements that work together as a single, unified platform: Velocity Control Suite, Velocity Control Gateway and Velocity Touch Panels.

Velocity features:
- IP and Cloud based
- Network-based system
- Also compatible with third party AV products
- Easy to Use
- Available for up to 5,000 connections to serve an enterprise
- Velocity Touch Panel
- BYOD integration with tablets, smartphones and other devices
- Velocity supports secure data communications between all devices

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AMS: installation, managing and configuring
The Atlona Management System (AMS) is a powerful system integration resource for configuring and managing Atlona devices over a network. With AMS you don't have to be on the same network as your clients' Atlona devices. Support them from anywhere offsite, anywhere worldwide.

Atlona Management System features:
- Automatic device detection
- Web Browser access
- Multi device configuration and management
- Alerts and Event Logging
- Free download

Our Audio / Video team will gladly advise you about the possibilities of Atlona.
Request a free demo free of obligation and get to know the extensive possibilities of Atlona.

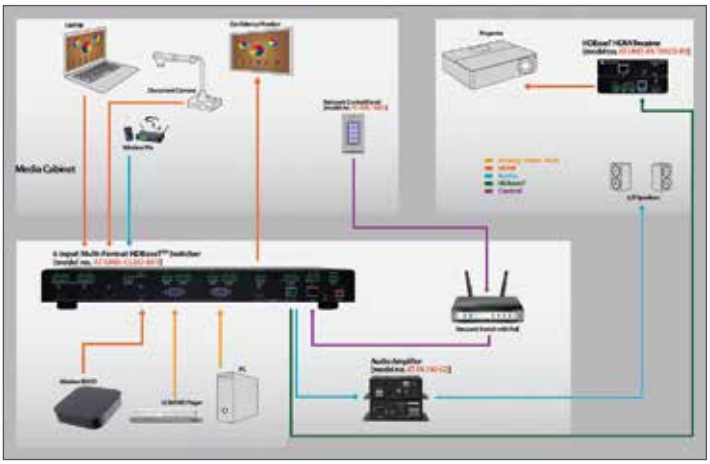
AV solutions for meetings and presentations

AV solutions for meetings and presentations

Sharing ideas and collaborating with others is a must nowadays. Atlona, specialized in AV signal distribution, understands the importance of an optimal collaboration with customers and colleagues. Atlona's solutions guarantee efficient meetings and presentations.

Presentations are given with a lot of different devices such as laptops but also mobile phones and tablets. This fits in the BYOD (bring your own device) trend. The big AV challenge is to connect all these devices without problems.

With Atlona's AV solutions focused on meetings and presentations within education, corporate and service, the possibilities are unlimited. Video distribution, wireless presentations, automatic switching to sources en the possibility to use every display and projector.



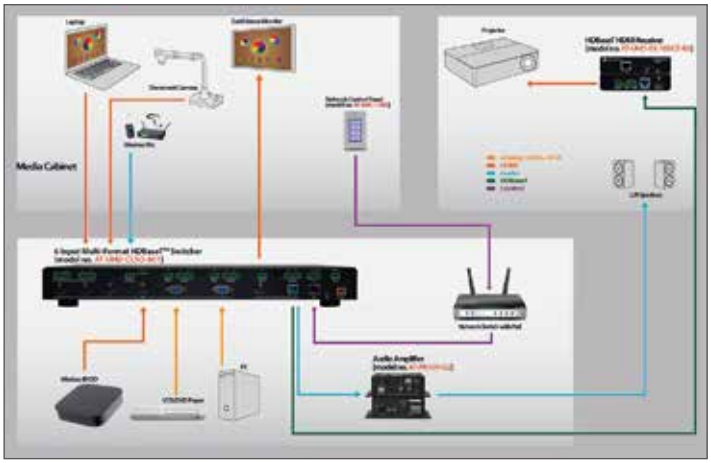
Atlona AV presentation solutions are used in the following areas:
Classroom and lecture hall

Create an optimal learning environment with the best AV solution
Sharing all sorts of teaching materials is a must in education. Atlona, specialised in AV signal distribution, will find the best solution for you. So you'll be able to make optimum use of various types of teaching materials anytime and anywhere.

Classrooms and lecture rooms use AV presentation systems in their own unique way, with a wide variety of media sources, such as PCs, laptops, tablets and mobile phones. You want to display all these AV sources in the right way on digital whiteboards, beamers and screens.

Atlona offers efficient solutions for use in a classroom or lecture room to flexibly use various AV input sources. Easy switching and managing sound are the most important features in this, so that an optimal learning environment is created.

Budgets in education are limited, but the AV presentation system is used intensively. Atlona offers quality AV presentation solutions at attractive prices

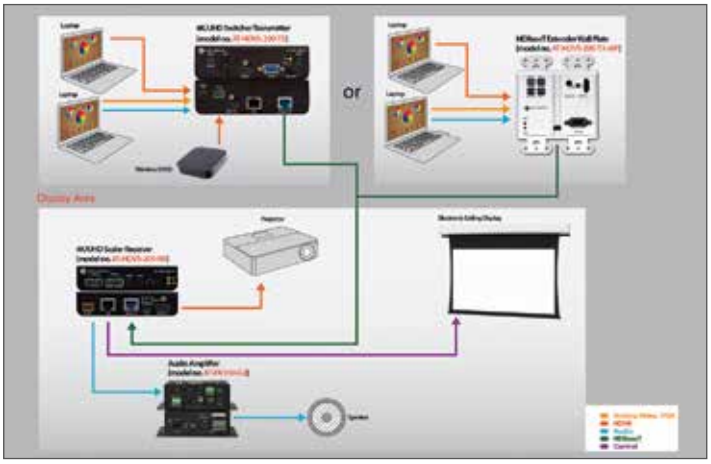


Huddle room

AV solutions for presentations in huddle rooms
Presenting ideas and collaborating in real time is a must. Atlona, specialist in AV signal distribution for professional use, understands better than anyone how important it is to be able to work optimally with colleagues and customers anytime and anywhere.

AV presentation solutions can be found in huddle rooms. A huddle room is a small meeting room where 2-4 employees can meet. It stimulates interaction without interrupting nearby workers. Employees can meet in the huddle room to consult each other or for brainstorming. Increase productivity with the possibility to have quick and efficient meetings in the huddle room."

Effective brainstorming with optimal ease of use
From transmitter / receiver combos to small switchers, Atlona has multiple solutions that enable cost-effective huddle rooms. Integrated control, audio de-embedding, and switching make the design simple and repeatable. Advanced Automatic Display Control features make it simple for anyone to use these rooms. With switching, scaling, HDBaseT™ extension for inputs and outputs, and audio de-embedding in a small box, you can be certain Atlona technology supports collaboration!



Meeting room / Conference room

Flexible and complete AV system in a meeting room
Atlona, specialised in AV signal distribution for professional use, understands like no other how important optimal collaboration with colleugues and customers is.

Different types of presentations are given in a meeting room. In a team with colleagues or to customers and suppliers. Meetings and presentations follow each other quickly, different sources are interchanged. Meetings can be ad hoc, so there is little time for fiddling with AV gear and settings. Therefore an AV presentation system that is easy to use and quickly switches between different sources is a must.

The Atlona AV solution for meeting rooms
The AT-HDVS-200-TX auto-switching transmitter and AT-HDVS-200-RX scaling receiver from Atlona create a complete AV system. The transmitter has three inputs for media sources that easily connect any source and directly use the right settings. The transmitter can be mounted out of sight under the table. The scaling receiver can easily be placed behind the screen or the projector. HDVS-200 units utilize HDBaseT™ to extend AV signals, control, and Ethernet over a single category cable.

The Atlona system provides convenience by automatically selecting the right settings for optimal display on the selected screen or projector.

Atlona

Atlona product overview switches and transmitters

Atlona, specialist in AV signal distribution for professional use, understands the importance of being able to collaborate optimally with colleagues and customers anytime/anywhere like no other. Atlona's AV presentation solutions guarantee efficient meetings and presentations.

Type no.	AT1018	AT1019	AT1088	AT1017	AT1097	AT1021
Atlona product number	AT1018/AT-HDVS-150-TX	AT1019/AT-HDVS-150-TX-PSK	AT1088/AT-HDVS-150-TX-WP	AT1017/AT-HDVS-150-RX	AT1097/AT-HDVS-150-KIT	AT1021/AT-HDVS-200-TX
Functionality	AV switch + transmitter	AV switch + transmitter	AV switch + transmitter + US two-gang wall plate	Receiver + HD scaler	Transmitter + receiver kit	AV switch + transmitter
Inputs	2 x HDMI, 1 x VGA	2 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	N.a.	2 x HDMI, 1 x VGA	2 x HDMI, 1 x VGA
Maximum distance	70 meter	70 meter	70 meter	70 meter	70 meter	100 meter
4k/UHD compabiliteit	4k / 60	4k / 60	No	No	No	4K/60 4:2:0 with AT-UHD-EX-100CE-RX-PSE or Atlona switch
Extended signals	AV, management (internal)	AV, management (internal)	AV, management (internal)	AV, management (internal)	AV, management (internal)	AV, RS-232, Ethernet
Power	Remotely powerd via AT-HDVS-150-RX	Remotely powerd via AT-HDVS-150-RX	Remotely powerd via AT-HDVS-150-RX	Localy powered	Transmitter powered by receiver	Remotely powerd-via AT-HDVS-200-RX, AT-UHD-EX-100CE-RX-PSE, or Atlona switch
Atlona switch compatibilty	N.a.	N.a.	N.a.	N.a.	N.a.	SW-5000ED and CLSO serie with HDBaseT inputs

Atlona product overview switches and transmitters

With Atlona's AV solutions aimed at meetings and presentations within education, business and services, the possibilities are unlimited. Video distribution, wireless presentation, automatic switching to the sources and the ability to connect virtually any screen or projector are just a few AV presentation examples.

AT1022	AT1095	AT1111	AT1110	AT1020	AT1114	AT1057
AT1022/AT-HDVS-200-TX-PSK	AT1095/AT-HDVS-200-TX-WP	AT1111/AT-HDVS-210H-TX-WP	AT1110/AT-HDVS-210U-TX-WP	AT1020/AT-HDVS-200-RX	AT1114/AT-HDVS-SC-RX	AT1057/AT-UHD-HD-VS-300-KIT
AV switch + transmitter	AV switch + transmitter + US two-gang wall plate	AV switch + transmitter + US one-gang wall plate	AV switch + transmitter + US one-gang wall plate	Receiver + HD scaler	AV switch + receiver + 4K/UHD scaler	Transmitter + receiver kit for soft codecs and interactive displays
2 x HDMI, 1 x VGA	1 x HDMI, 1 x VGA	2 x HDMI	1 x HDMI, 1 x USB-C	N.a.	1 x HDBASET, 1 x HDMI	3 x HDMI, 1 x DisplayPort
100 meter	100 meter	100 meter	100 meter	100 meter	100 meter	100 meter
4K/60 4:2:0 with AT-UHD-EX-100CE-RX-PSE or Atlona switch	4K/60 4:2:0 with AT-UHD-EX-100CE-RX-PSE or Atlona switch	4K/60 4:2:0 with AT-UHD-EX-100CE-RX-PSE or Atlona switch	4K/60 4:2:0 with AT-UHD-EX-100CE-RX-PSE or Atlona switch	No	4K/30 4:4:4	4K/60 4:2:0
AV, RS-232, Ethernet	AV, RS-232, Ethernet	AV, RS-232, Ethernet (via compatible Rx)	AV, RS-232, Ethernet (via compatible Rx)	AV, RS-232, Ethernet	AV, RS-232, Ethernet	AV, RS-232, Ethernet, USB
Remotely powered via AT-HDVS-200-RX, AT-UHD-EX-100CE-RX-PSE, or Atlona switch	Remotely powered via AT-HDVS-200-RX, AT-UHD-EX-100CE-RX-PSE, or Atlona switch	Remotely powered via AT-HDVS-200-RX, AT-UHD-EX-100CE-RX-PSE, or Atlona switch	Remotely powered via AT-HDVS-200-RX, AT-UHD-EX-100CE-RX-PSE, or Atlona switch	Localy powered	Localy powered	Transmitter powered by receiver
SW-000ED and CLSO serie with HDBaseT inputs	SW-000ED and CLSO serie with HDBaseT inputs	SW-000ED and CLSO serie with HDBaseT inputs	SW-000ED and CLSO series with HDBaseT inputs	Omega, Opus, UHD-PRO3, UHD-CAT, SW, en CLSO serie with HDBaseT outputs	Omega, Opus, UHD-PRO3, UHD-CAT, SW, en CLSO serie with HDBaseT outputs	N.a.

Atlona

Omega HDMI transmitter wall plate

The Atlona AT-OME-TX21-WP-E is a 2×1 switcher and HDBaseT transmitter with HDMI and USB-C inputs. It is designed for commercial installations in Europe. The AT1127 includes interchangeable EU and UK faceplates and brackets, with black and white faceplates for each version. The USB-C input is ideal for AV interfacing with Mac®, Chromebook™, and Windows® PCs, as well as smartphones and tablets.

- Wallplate switch with HDMI and USB-C
- HDBaseT transmitter for AV, power and control up to 100 metres
- Remotely powered via PoE
- Automatic display control
- Multi-channel audio compliant
- Field-updatable firmware

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1), USB C female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, RS-232
Control method	: Button
Power supply	: External power supply
Included	: Interchangeable EU and UK trim kits, 2 meter USB C cable

AT1127

Connections (in)	: HDMI A (full-size) female (x1), USB C female (x1)
Video signal	: HDMI
Video support	: CEC, HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
AT1127	AT-OME-TX21-WP-E	Omega HDMI transmitter wall plate

4K HDMI/HDBaseT extender set 70 meters

AT-UHD-EX-70-2PS. Extender set for the transmission of HDMI isgnal over 70 meters using a CATx cable.
Maximum resolution of 4K @ 60 Hz. Supports HDR10

- Including embedded multi-channel audio
- Supports 4K HDR10 @ 24Hz, 4:2:0 chroma subsampling 10-bits color
- Supports HDMI 2.0a and HDCP 2.2

Technische specificaties

Connections (in)	: HDMI A (full-size) female (x1), RJ45 female (x1)
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 2.0a
HDBaseT specification	: HDBaseT 5play
Power supply	: External power supply
Included	: Power adapter, mount kit

Type nr.	Manufacturer no.	Description
AT1050	AT-UHD-EX-70-2PS	4K HDMI/HDBaseT extender set 70 meters

4K HDMI/HDBaseT transmitter 100 meters

AT-HDVS-200-TX. Switch with control for HDMI and VGA transmission over HDBaseT. Features two HDMI inputs and one VGA input, including audio. Combines the benefits of a switcher with built-in auto switching and an extender. Can be used in classrooms or other educational purposes. This unit passes Ethernet signal up too 100Mbps.

- Automatic Display Control
- Auto switching
- EDID and HDCP management
- Automatic input selection
- Works with AMS (Atlona Management System)

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Analog audio, RS-232
Power supply	: Power over Ethernet (PoE)
Included	: Power adapter, captive screw connectors, mounting kit

AT1021

Connections (in)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x2), VGA HD D-sub 15-pin female (x1)
Connections (out)	: RJ45 female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: Not specified by manufacturer
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
AT1021	AT-HDVS-200-TX	4K HDMI/HDBaseT transmitter 100 meters 3 ports

4K HDMI/HDBaseT receiver 100 meters

AT-HDVS-200-RX. Scaler and HDBaseT receiver for video signals up to 1080p. Product contains embedded audio, control and Ethernet up to 100 meters. Product is ideal for use with the HDVS-200-TX (AT1021) transmitter and Atlona products with HDBaseT outputs. Including audio de-embedding and display control. Also contains scaler functionality. This unit passes Ethernet signal with a max of 100 Mbps.

- HDBaseT compatible
- Auto display control
- PoE unit for transmitter unit
- Including audio de-embedding
- Including scaler functionality

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
Max. resolution @ 60Hz	: 1080p
Other signals	: Analog audio, RS-232
Power supply	: External power supply
Included	: Power adapter, captive screw connectors, mounting kit

AT1020

Connections (in)	: RJ45 female (x2)
Connections (out)	: HDMI A (full-size) female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
AT1020	AT-HDVS-200-RX	HDMI/HDBaseT receiver/scaler 100 meter

Wallplate switch 2 ports for HDMI and VGA with HDBaseT

The Atlona AT-HDVS-150-TX-WP is a 2×1 switcher and HDBaseT transmitter with an HDMI input plus a VGA input with audio. The HDVS-150-TX-WP features a US two-gang wallplate form factor. Video signals up to 2160p, plus embedded audio can be transmitted up to 230 feet (70 meters).

- Switch and extender wallplate with HDMI and VGA input
- Can extend in combination with the AT-HVDS-150-RX unit
- Remotely powered via PoE
- Automatic input selection
- Automatic display control (when connected to the AV-HDVS-150-RX)
- Field-updatable firmware

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Analog audio
Control method	: Button
Power supply	: Power over Ethernet (PoE)
Included	: Wall plate screws

AT1088

Connections (in)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x1), VGA HD D-sub 15-pin female (x1)
Max. extension distance	: 70 m
Video signal	: HDMI, VGA
Video support	: CEC, HDCP
HDMI specification	: HDMI 2.0
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
AT1088	AT-HDVS-150-TX-WP	Wallplate switch 2 ports for HDMI and VGA with HDBaseT

Over fiber

Opticis

4K HDMI 2.0 cable

The HDMI 2.0 active optical cable, enables you to transmit 4K (4096x2160) at 60Hz signal up to 100m (328feet) over plenum graded (orLSZH) hybrid cable. The product is designed to fit into various installation environments. Can be operated by DDC 5V from HDMI port of HDMI source without any external DC power or USB power.The product is compliant with HDMI standards features like CEC, EDID, and HDCP 2.2 for better installation flexibility and compatibility.

- Extends HDMI 2.0 signal up to 100 metres
- At a maximum resolution of 4096 x 2160 @ 60 Hz (RGB & YCbCr : 4:4:4)
- Operates via HDMI source without external power
- Plenum graded & LSZH hybrid cable

Technical specifications

Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: Bus powered
Included	: User manual
Connections (in)	: HDMI A (full-size) female (x1)
Connections (out)	: HDMI A (full-size) female (x1)
Video signal	: HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
OP5092	HDFC-200P-7	4K HDMI 2.0 cable 7m
OP5094	HDFC-200P-10	4K HDMI 2.0 cable 10m
OP5095	HDFC-200P-15	4K HDMI 2.0 cable 15m
OP5096	HDFC-200P-20	4K HDMI 2.0 cable 20m
OP5097	HDFC-200P-30	4K HDMI 2.0 cable 30m
OP5098	HDFC-200P-40	4K HDMI 2.0 cable 40m
OP5099	HDFC-200P-50	4K HDMI 2.0 cable 50m
OP5100	HDFC-200P-70	4K HDMI 2.0 cable 70m
OP5101	HDFC-200P-100	4K HDMI 2.0 cable 100m

DisplayPort 1.2 - HDMI 2.0 cable

This active optical cable converts DisplayPort 1,2 to HDMI 2.0. The product enables you to convert DisplayPort 1.2 signal to HDMI 2.0 signal, and extends 4K (4096x2160) at 60Hz up to 100m (328feet) over hybrid cable.
The product is designed compact enough to be fitted into various installation environments. The DHFC-200D offers perfect flexibility during installation by separating DisplayPort and HDMI connector part and Active Optical Cable part. With High-Retention HDMI connector, HDMI connector (Rx) side allows more retention force compared to standard HDMI connector whereas DisplayPort connector secures its connection with its own locking mechanism.

- Converts DisplayPort to HDMI signal
- Extends the signal up to 100 metres
- High retention DisplayPort and HDMI connector
- Max. resolution 4096 x 2160 (RGB & YCbCr 4:4:4)

Technical specifications

Extension connector	: DisplayPort, HDMI
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: Bus powered
Included	: User manual
Connections (in)	: DisplayPort female (x1)
Connections (out)	: HDMI A (full-size) female (x1)
Video signal	: DisplayPort, HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: HDMI 2.0
DisplayPort specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
OP5085	DHFC-200D-10	DisplayPort 1.2 - HDMI 2.0 cable 10m
OP5086	DHFC-200D-15	DisplayPort 1.2 - HDMI 2.0 cable 15m
OP5087	DHFC-200D-20	DisplayPort 1.2 - HDMI 2.0 cable 20m
OP5088	DHFC-200D-30	DisplayPort 1.2 - HDMI 2.0 cable 30m
OP5089	DHFC-200D-40	DisplayPort 1.2 - HDMI 2.0 cable 40m
OP5090	DHFC-200D-50	DisplayPort 1.2 - HDMI 2.0 cable 50m
OP5091	DHFC-200D-70	DisplayPort 1.2 - HDMI 2.0 cable 70m
OP5093	DHFC-200D-100	DisplayPort 1.2 - HDMI 2.0 cable 100m

DisplayPort extender set two fiber incl. EDID emulator

- 4K @ 60Hz with a data rate of 21.6 Gbps
- Including auxiliary lane with DP++ and MST

Technical specifications

Connections (in)	: DisplayPort male (x1)
Connections (out)	: DisplayPort male (x1)
Extension cable	: Fiber multi mode (x2)
Extension connector	: LC
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1080p, 2160p
Video signal	: DisplayPort
Video support	: EDID
DisplayPort specification	: DisplayPort 1.2
Power supply	: Bus powered
Included	: 2 x micro USB to USB cables, 1x DisplayPort Cable

Type no.	Manufacturer no.	Description
OP5107	DPFX-200-TR V2.0	DisplayPort extender set two fiber incl. EDID emulator

DisplayPort extender set two fiber to 300 metres

Optical DisplayPort extender, DPFX-100-TR V2.0 is designed compact enough to be fitted into various installation environments with two (2) LC fibers connection. The transmitter and receiver set, DPFX-100-TR V 2.0 enables to transmit WQXGA (2560x1600) at 60Hz signal up to 200m (985feet), avoiding any tricks like scaling or data compression for lessening a burden of data transmission. It provides total data throughput 10.8Gbps (2.7Gbps per lane). The pure fiber connection by two (2) LC fibers connector between transmitter and receiver, gives clean, secure and easy installation with perfect electrical isolation, but without electrical hazard and interference.The DPFX-100-TR V 2.0 can be operated by USB power without external DC power adapter by plugging the supplied USB to DC plug cables to each module.

- Receiver can function bus powered or with power adapter
- Receptacle DisplayPort cable

Technical specifications

Connections (in)	: DisplayPort female (x1)
Connections (out)	: DisplayPort female (x1)
Extension cable	: Fiber multi mode (x2)
Extension connector	: LC
Extension protocol	: Own
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DisplayPort
Video support	: EDID
DisplayPort specification	: DisplayPort 1.1a
Power supply	: Bus powered, External power supply
Included	: Power adapter, DisplayPort cable

Type no.	Manufacturer no.	Description
OP5108	DPFX-100-TR V2.0	DisplayPort extender set two fiber to 300 metres

HDMI 1.4 cable

Hybrid HDMI cable. EDID/CEC signal is sent via copper, video signal via fiber.

- Alternative for an extender set
- Very flexible cable

Type no.	Manufacturer no.	Description
OP5014	HDFC-100-10	HDMI 1.4 cable 10 meters
OP5015	HDFC-100-15	HDMI 1.4 cable 15 meters
OP5016	HDFC-100-20	HDMI 1.4 cable 20 meters
OP5017	HDFC-100-30	HDMI 1.4 cable 30 meters
OP5018	HDFC-100-40	HDMI 1.4 cable 40 meters
OP5019	HDFC-100-50	HDMI 1.4 cable 50 meters
OP5028	HDFC-100-70	HDMI 1.4 cable 70 meters
OP5029	HDFC-100-100	HDMI 1.4 cable 100 meters
OP5030	HDFC-100-120	HDMI 1.4 cable 120 meters
OP5031	HDFC-100-150	HDMI 1.4 cable150 meters

DisplayPort 1.2 cable detachable

DisplayPort 1.2 extender cable that extends 4096 x 2160 @ 60Hz (RGB, YCbCr 4:4:4) resolution. In various lengths available.

- LSZH cable
- High retention DisplayPort connector
- Removable connector for easy installation
- In various lengths available
- Including additional USB power cable to connect to transmitter or receiver connector for optional 5V power
- We advice to use the additional USB power cable

Technical specifications

Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: Bus powered

Type no.	Manufacturer no.	Description
OP5054	DPFC-200D-10/TR-P	DisplayPort 1.2 cable 10 meters detachable
OP5055	DPFC-200D-15/TR-P	DisplayPort 1.2 cable 15 meters detachable
OP5056	DPFC-200D-20/TR-P	DisplayPort 1.2 cable 20 meters detachable
OP5057	DPFC-200D-30/TR-P	DisplayPort 1.2 cable 30 meters detachable
OP5058	DPFC-200D-40/TR-P	DisplayPort 1.2 cable 40 meters detachable
OP5059	DPFC-200D-50/TR-P	DisplayPort 1.2 cable 50 meters detachable
OP5060	DPFC-200D-70/TR-P	DisplayPort 1.2 cable 70 meters detachable
OP5061	DPFC-200D-100/TR-P	DisplayPort 1.2 cable 100 meters detachable

DisplayPort cable

For extending a DisplayPort signal to 100 metres at a resolution of 2560 x 1600 @ 60 Hz.

Technical specifications

Connections (in)	: DisplayPort 1.1 female (x1)
Connections (out)	: DisplayPort 1.1 female (x1)
Extension cable	: Fiber multi mode (x4)
Extension connector	: LC
Extension protocol	: Own
Max. resolution @ 60Hz	: 2560 x1600
Video support	: EDID
Power supply	: External power adapter
Included	: Power adapter

Type no.	Manufacturer no.	Description
OP1501	M1-5000-10	Length: 10 meters
OP1551	M1-5000-15	Length: 15 meters
OP1502	M1-5000-20	Length: 20 meters
OP1503	M1-5000-30	Length: 30 meters
OP1504	M1-5000-40	Length: 40 meters
OP1505	M1-5000-50	Length: 50 meters
OP1507	M1-5000-70	Length: 70 meters
OP1510	M1-5000-100	Length: 100 meters

DVI extender set

For extending a DVI signal up to 100 metres. Bus powered. Available in various lenghts.

Technical specifications

Connections (in)	: DVI 18+1-pin male (x1)
Connections (out)	: DVI 18+1-pin male (x1)
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Power supply	: USB powered
Included	: User manual

Type no.	Manufacturer no.	Description
OP5021	DVFC-100-10	DVI extension set 10 meters
OP5022	DVFC-100-15	DVI extension set 15 meters
OP5023	DVFC-100-20	DVI extension set 20 meters
OP5024	DVFC-100-30	DVI extension set 30 meters
OP5025	DVFC-100-40	DVI extension set 40 meters
OP5026	DVFC-100-50	DVI extension set 50 meters
OP5027	DVFC-100-70	DVI extension set 70 meters
OP5020	DVFC-100-100	DVI extension set 100 meters

Dual-Link DVI extender set two fiber

For extending a DVI signal with a maximum resolution of 2560 x 1600 @ 60 Hz to 500 meters.

- Supports auto-power switchting

Technical specifications

Connections (in)	: DVI 24+1-pin male (x1)
Connections (out)	: DVI 24+1-pin male (x1)
Extension cable	: Fiber multi mode LC (x2)
Extension connector	: LC
Extension protocol	: Own
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-D Dual Link
Power supply	: External power supply
Included	: Power adapter

Type no.	Manufacturer no.	Description
OP5004	DDFX-100-TR	DVI-D dual link DVI extender set two fiber up to 500 meters

DVI extender set one fiber v2

For extending a DVI-D signal with a maximum resolution of 1920 x 1200 @ 60 Hz to 500 meters via a SC multimode fiber cable.

- Bus powered at receiver or with power adapter
- Supports auto-power switching on transmitter
- Upgraded version OP5002 (increased bandwidth, auto-power switching, equalizer IC)

Technical specifications

Connections (in)	: DVI 18+1-pin male (x1)
Connections (out)	: DVI 18+1-pin male (x1)
Extension cable	: Fiber multi mode (x1)
Extension connector	: SC
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-D Single Link
Power supply	: External power adapter, USB powered
Included	: Power adapter

Type no.	Manufacturer no.	Description
OP5033	DVFX-100-TR	DVI extender set one fiber v2

DVI extender set two fiber

For extending a DVI signal to 1000 meters with one duplex LC singlemode fiber cable. To 500 meters via a LC multi-mode fiber cable.

- Auto power switching

Technical specifications

Connections (in)	: DVI 18+1-pin male (x1)
Connections (out)	: DVI 18+1-pin male (x1)
Extension cable	: Fiber multi mode (x2), Fiber single mode (x2)
Extension connector	: LC
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-D Single Link
Power supply	: External power supply
Included	: Including two power adapters

Type no.	Manufacturer no.	Description
OP2202	M1-201DA-TR	DVI-D single link extender set two fiber up to 1500 meters

DVI extender set four fiber

For extending a DVI-D signal with a maximum resolution of 1920 x 1200 @ 60 Hz to 500 meters with a LC multi-mode fiber cable.

Technical specifications

Connections (in)	: DVI 18+1-pin male (x1)
Connections (out)	: DVI 18+1-pin male (x1)
Extension cable	: Fiber multi mode (x4)
Extension connector	: LC
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-D Single Link
Power supply	: External power supply
Included	: Power adapter

Type no.	Manufacturer no.	Description
OP2200	M1-201SA-TR	DVI-D single link extender set four fiber up to 500 meters

Over HDMI

ACT

HDMI Repeater via HDMI cable

- Max. cable length: 40 meter 1920x1080@ 60Hz / 25 meter 3840x2160@ 60Hz
- Compatibel met HDMI High Speed (HDMI 2.0)

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
Connections (out)	: HDMI A (full-size) female (x1)
Extension cable	: HDMI
Extension connector	: HDMI
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Video signal	: HDMI
Video support	: CEC, HDCP
HDMI specification	: HDMI 2.0
Power supply	: Bus powered
Included	: Manual

Type no.	Manufacturer no.	Description
AC7820	AC7820	HDMI repeater

ihse.
KVM & Beyond

High quality KVM and extension solutions

IHSE offers high quality KVM matrices and extension solutions. Draco Tera and Vario offer a huge variety of connectivity options. The Draco vario product family is a modular approach to extenders that allows customization for most applications. This system includes a chassis, video module and upgrade module. Next to extending a signal you can also switch a signal with this stystem. All Draco vario modules are available in copper or fiber.

IHSE products are applied in high-end environments where reliability and switching speed are crucial.

Professional AV and KVM team
The AV team has a lot of technical knowledge and experience to be able to advise the best solution in the AV and KVM market. We share this knowledge with you in the pre-sales process as well as through training and demonstrations.
In addition to sharing knowledge, we offer the possibility of a proof of concept. This way, we can test and find out if our suggested solution is the way to go for the desired application.

Also, implementation of the final solution often involves large investments, of which the risks are reduced by thoroughly testing before final implementation.

Radio studio Veronica in which IHSE equipment has been applied successfully

KVM

Over CATx

ACT

Maverick USB and DisplayPort extender set

The Maverick solution is the market's first product to extend the power of both USB 3-2-1 and 4K@ 60Hz DisplayPort streaming video together up to 100m over a single CAT 6a/7 cable. The Maverick 63104 ExtremeUS® 3-2-1 and 4K @ 60z video extender system facilitating high-quality image rendering and display even at the full 100 meter distance. Extreme USB technology powered by Icron, meaning transparent USB extension, true plug & play and works with all major operating systems.

- Extends USB 3.1 and DisplayPort 1.2a signal
- At resolutions of 3840 x 2160 @ 60Hz
- 2 channel DisplayPort audio
- 4 available USB 3.1 gen ports
- Bi-directional RS-232
- Transparent USB extension
- True plug & play
- Extreme USB powered by Icron

Technical specifications

Connections (computer)	: DisplayPort female (x1), RJ45 female (x2), Terminal block 3-pin female (x1), USB B female (x1)
Connections (console)	: DisplayPort female (x1), RJ45 female (x2), Terminal block 3-pin female (x1), USB A female (x4)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Loop-through	: Yes
Video signal	: DisplayPort
Video support	: EDID
DisplayPort specification	: DisplayPort 1.2a
Other signals	: RS-232
Power supply	: External power supply
Included	: USB 3.1 cable, 2 x power adapter, 2x power cords, 2x DisplayPort cables, 2 RS-232 connectors, guide

Type no.	Manufacturer no.	Description
AC7750	AC7750	Maverick USB and DisplayPort extender set

Specialized in extension, switching and splitting for AV and KVM over IP solutions

Adder is specialized in extension, switching and splitting for audio / video and KVM applications.
Adder designs and manufactures an advanced range of KVM switches, extenders and IP solutions which enable the reliable control of local, remote and global IT systems.
Adder products are successfully applied in the following markets:

- Retail
- Financial sector
- Medical sector
- Broadcast
- Defence
- Industry

Adder

ADDERLink XD150 KVM extender set

KVM extender to maximum 150 meters with a resolution of 1920 x 1080 @ 60 Hz. WIth the transparent high speed USB connection, you can also connect various USB devices, besides regular mouse and keyboard. You can extend USB, RS-232 and analog stereo signal with this product.

- Up to 150 m extension with a 1920x1080 @ 60Hz resolution
- Up to 1920x1200 @ 60Hz over an extension distance up to 100 m
- Transparant USB 2.0 with isochronous signal support

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), DVI 24+1-pin female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x1), DVI 24+1-pin female (x1), RJ48 female (x1), USB A female (x4)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: DVI
Video support	: DDC, EDID
DVI specification	: DVI-D Single Link
Other signals	: Analog audio, RS-232, USB 2.0 - HighSpeed (Enhanced)
Power supply	: External power adapter
Included	: Power supplies, USB- and video connection cable

Type no.	Manufacturer no.	Description
AD2016	XD150-IEC	ADDERLink XD150 KVM extender set

ADDERLink XD522 DP KVM extender set

Extends DisplayPort and USB 2.0 signals via one UTP cable. Extension of the transparant USB 2.0 signal requires a second extension cable.

- DisplayPort++, easy conversion to DVI or HDMI
- Supports both analogue and digital audio

Technical specifications

Connections (computer)	: 3,5 mm jack female (x2), DisplayPort female (x2), RJ48 female (x1), USB B female (x2)
Connections (console)	: 3,5 mm jack female (x2), DisplayPort female (x2), RJ48 female (x1), USB A female (x4)
Extension cable	: CATx (x2)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Loop-through	: Yes
Video signal	: DisplayPort
Video support	: EDID, HDCP
DisplayPort specification	: DisplayPort 1.2
Other signals	: Analog audio, Digital audio, RS-232, USB 2.0 - HighSpeed (Enhanced)
Power supply	: External power supply
Included	: Power supplies, 2x audio cable, 2x USB connection cable, DisplayPort connection cable, serial connection cable

Type no.	Manufacturer no.	Description
AD2005	XD522-DP-PAIR-IEC	Adderlink XD522 DP KVM extender set to 150 meters

ADDERLink X-DVI Pro KVM extender set

Extends a DVI (single-link) and transparant USB 2.0 signal with one single UTP cable. The AD8016 is the dual-head option.

- USB hub with transparant extension
- Computer module powered through USB

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), 3,5 mm jack female (x2), DVI 24+1-pin female (x1), DVI-D dual-link female (x2), USB B female (x1), USB B female (x2)
Connections (console)	: 3,5 mm jack female (x1), 3,5 mm jack female (x2), DVI 24+1-pin female (x1), DVI-D dual-link female (x2), USB A female (x4)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: DVI
Video support	: DDC, EDID
DVI specification	: DVI-D Dual Link
Other signals	: Analog audio, USB 1.1 - FullSpeed (Universal), USB 2.0 - HighSpeed (Enhanced)
Power supply	: External power supply, USB powered
Included	: Power adapter, video-, USB- and audio connection cable

Type no.	Manufacturer no.	Description
AD1127	X-DVIPRO-IEC	ADDERlink X-DVI Pro KVM extender set DVI, USB and audio to 50 meters
AD8016	X-DVIPRO-MS2-IEC	ADDERlink X-DVI Pro KVM extender set Dual-head DVI, USB and audio to 50 meters

ADDERLink X-USB pro extender set

Extends a VGA, audio and USB 2.0 signal to 300 meters with one UTP cable.

- Computer module powered through USB
- Extension of transparant USB hub
- Video and audio loop-through to monitor or even manage computer locally
- Long video extension distance possible with integrated de-skew

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), USB B female (x1), VGA HD D-sub 15-pin female (x1)
Connections (console)	: 3,5 mm jack female (x1), USB A female (x4), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: VGA
Video support	: EDID
Other signals	: Analog audio, USB 1.1 - FullSpeed (Universal)
Power supply	: External power supply, USB powered
Included	: Power supply, video-, USB- and audio connection cable

Type no.	Manufacturer no.	Description
AD1011	X-USBPRO-IEC	ADDERlink X-USB Pro extender set to 300 meters

ADDERLink X50 KVM extender set

Extends a VGA, audio and USB 2.0 signal to 50 meters with one single UTP cable.

- Extension of transparant USB hub
- Monitor or manage the connected system locally thanks to the video and audio loop-through

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), USB B female (x1), VGA HD D-sub 15-pin female (x1)
Connections (console)	: 3,5 mm jack female (x1), USB A female (x4), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: VGA
Video support	: EDID
Other signals	: Analog audio, USB 1.1 - FullSpeed (Universal)
Power supply	: External power adapter, USB powered
Included	: Powersupply, USB- video- and audio connection cable

Type no.	Manufacturer no.	Description
AD1050	X50-IEC	ADDERlink X50 KVM extender set to 50 meters

ADDERLink X50 multi-screen

Extends a double VGA, audio and USB signal to 50 meters with two UTP cables.

- Extends one D-Sub 9-pins serial connection
- Monitor or manage the connected system locally thanks to the video and audio loop-through
- Extension of transparant USB hub

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), D-sub 9-pin female (x1), USB B female (x1), VGA HD D-sub 15-pin female (x2)
Connections (console)	: 3,5 mm jack female (x1), D-sub 9-pin male (x1), USB A female (x4), VGA HD D-sub 15-pin female (x2)
Extension cable	: CATx (x2)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: VGA
Video support	: EDID
Other signals	: Analog audio, RS-232, USB 1.1 - FullSpeed (Universal)
Power supply	: External power adapter, USB powered
Included	: Power supply, USB-, audio, 2x video- and serial connection cable

Type no.	Manufacturer no.	Description
AD1150	X50-MS2-IEC	ADDERlink x50 MultiScreen extender set to 50 meters

ADDERLink X200 KVM extender set

VGA audio and USB extension to 300 meter with one UTP cable. Maximum resolutions are 1920 x 1200 to 50 meter, 1600 x 1200 to 200 meter and 1280 x 1024 to 300 meter.

- Possibility to use as a 2 ports KVM switch by adding an extra computer module (AD1700,AD1701, AD1702, AD1703)

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), 3.5 mm jack female (x1), USB A female (x1), USB A male (x1), VGA HD D-sub 15-pin male (x1)
Connections (console)	: 3,5 mm jack female (x1), USB A female (x2), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 30Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: VGA
Video support	: EDID
Other signals	: Analog audio
Power supply	: External power supply
Included	: Powersupply

Type no.	Manufacturer no.	Description
AD1228	X200A-USB/P-IEC	ADDERLink X200 VGA, USB and audio KVM extender set to 100 metres
AD1230	X200AS-USB/P-IEC	ADDERLink X200 VGA, USB and audio KVM extender set with de-skew to 300 metres
AD1232	X200-USB/P-IEC	ADDERLink X200 VGA. USB KVM extender set to 100 meter without audio

ADDERLink X100 KVM extender set

For extending of VGA and and PS/2 and USB signals with or without audio. The models AD1100 and AD1114 are including audio. The models AD1020 and AD1021 without audio.

- No power supply for computer module needed
- Maximum resolution of 1900 x 1440 at 50 meters, 1600 x 1200 at 100 meters

Technical specifications

Connections (computer)	: 3,5 mm jack male (x1), PS/2 male (x2), USB A male (x1), USB B female (x1), VGA HD D-sub 15-pin male (x1)
Connections (console)	: 3,5 mm jack female (x1), PS/2 female (x2), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1900 x 1440
Loop-through	: Yes
Video signal	: VGA
Video support	: EDID
Other signals	: Analog audio
Power supply	: External power supply
Included	: Power supply

Type no.	Manufacturer no.	Description
AD1020	X100-PS2/P-IEC	ADDERlink X100 KVM extender set VGA, PS/2 to 100 meters
AD1021	X100-USB/P-IEC	ADDERlink X100 KVM extender set VGA, USB to 100 meters
AD1100	X100A-USB/P-IEC	ADDERlink X100 KVM extender set VGA, USB and audio to 100 meters
AD1114	X100A-PS2/P-IEC	ADDERlink X100 KVM extender set VGA, PS/2 and audio to 100 meters

ADDERLink X2 Silver extender Set

Extend VGA, PS/2 as well as a serial high speed RS-232 connection with this extender set. Functions such as integrated de-skew, video compensation and emulated DDC ensure that the extension of the video connection is realised without problems.

- Also extends a serial connection
- Manual skew adjustment

Technical specifications

Connections (computer)	: D-sub 9-pin female (x1), PS/2 female (x2), VGA HD D-sub 15-pin female (x1)
Connections (console)	: D-sub 9-pin female (x1), PS/2 male (x2), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 30Hz	: 1600 x 1200
Loop-through	: Yes
Video signal	: VGA
Video support	: DDC
Other signals	: RS-232
Power supply	: External power supply
Included	: Power adapter, cables

Type no.	Manufacturer no.	Description
AD1010	X2-SILVER/P-IEC	Adderlink X2 Silver VGA / PS/2 extender set

Icron

EL5353 KVM extender set

Extends a DVI and USB 2.0 signal to 100 meter with an UTP cable.

- Full uncompressed 1920 x 1200 HD video
- 24-bit color depth
- Plug & play

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Power supply	: External power supply
Included	: 2x Power adapters, DVI cable, USB cable

SD2024

Connections (computer)	: DVI 24+5-pin female (x1), RJ45 female (x1), USB B female (x1)
Connections (console)	: DVI 24+5-pin female (x1), RJ45 female (x?), USB B female (x3)
Max. extension distance	: 100 m
Video signal	: DVI
DVI specification	: DVI-I Dual Link
Other signals	: USB 2.0 - HighSpeed (Enhanced)

Type no.	Manufacturer no.	Description
SD2024	00-00382	EL5353 KVM extender set DVI to 100 meters

EL5363 KVM extender set

Extends a HDMI and USB 2.0 signal to 100 meter with an UTP cable.

- CEC, HDCP and Lip Sync passthrough
- Plug & play

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Loop-through	: Yes
Power supply	: External power supply
Included	: Local and remote cable, USB cable, HDMI cable and 2 x power adapter

SD2025

Connections (computer)	: HDMI A (full-size) female (x1), RJ45 female (x1), USB B female (x1)
Connections (console)	: HDMI A (full-size) female (x1), RJ45 female (x1), USB A female (x3)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: CEC, HDCP
HDMI specification	: HDMI 1.4
Other signals	: USB 2.0 - HighSpeed (Enhanced)

Type no.	Manufacturer no.	Description
SD2025	00-00387	EL5363 KVM extender set HDMI to 100 meters

Over fiber

Adder

ADDERView XD150FX DVI extender set fiber SM to 4000 metres

Extends a DVI and USB 2.0 signal with a fiber LC cable. Extends up to 4 kilometer with a single-mode fiber cable.

- Bi-directional analog audio
- Lossless and no latency
- Flexible extension options
- EDID management support

Technical specifications

Connections (computer)	: 3,5 mm jack female (x2), DVI 24+5-pin female (x1), RJ45 female (x1), USB B female (x2)
Connections (console)	: 3,5 mm jack female (x2), DVI 24+5-pin female (x1), USB A female (x4)
Extension cable	: Fiber multi mode (x1), Fiber single mode (x1)
Extension connector	: LC
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-I Dual Link
Other signals	: Analog audio, RS-232
Power supply	: External power supply
Included	: Power adapter, cables

Type no.	Manufacturer no.	Description
AD2036	XD150FX-SM-IEC	ADDERview XD150 DVI extender set fiber single-mode to 4000 meters

Over IP

Uniclass

DVI/USB/audio KVM extender set

This exender contains a DVI connection, two USB connections for mouse and keyboard and two USB 2.0 connections for other devices. Including audio in and output for speakers and microphone.

- Multicast IP (requires IGMP snooping)

Technical specifications

Connections (computer)	: 3,5 mm jack female (x3), DVI 24+5-pin female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x3), DVI 24+5-pin female (x1), USB A female (x4)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: (multicast) IP
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: DVI
DVI specification	: DVI-D Single Link
Other signals	: Analog audio, IR, USB 2.0 - HighSpeed (Enhanced)
Network interface	: 10/100/1000 Mb/s
Power supply	: External power supply
Included	: Power supplies

Type no.	Manufacturer no.	Description
BD1086	DX-120	DVI, USB and audio extension over IP

Adder

ADDERlink XDIP AV & USB extender over IP

The Adderlink XDIP is a high quality KVM extender based in IP by which you can simply create a 8x8 switch/matrix in a standard 1GbE network without the need for separate control or maintenance. With the XDIP KVM matrix you are able to switch between local PC and every available source (TX) in the KVM network at any workspace (RX).

- Ultra-low latency: 24ms – 1½ frames @ 60Hz
- Power via PoE (AD2039) or external PSU (AD2037)
- Maximum resolution 1920 x 1200 @60Hz
- USB 2.0 HID (only keyboard, mouse and touch screen)
- Bi-directional analog audio (line/out) with headset support
- Easily to configure via OSD
- An XDIP can be used as transmitter (TX) or receiver (RX)

Technical specifications

Connections (computer)	: HDMI A (full-size) female (x1), RJ45 female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x2), HDMI A (full-size) female (x1), USB A female (x2)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: HDMI
Video support	: EDID
HDMI specification	: HDMI 1.3
Other signals	: Analog audio, USB 2.0 - HighSpeed (Enhanced), USB 2.0 HID
Power supply	: 12V DC (external, included), Power over Ethernet (PoE) (only AD2039)
Included	: Power adapter, cables

Type no.	Manufacturer no.	Description
AD2037	XDIP-IEC	ADDERlink XDIP HDMI & USB extender over IP
AD2039	XDIP-POE	ADDERlink XDIP HDMI & USB extender over IP PoE

ADDERLink ipeps KVM over IP unit

A powerful and flexible KVM over IP product. With the AdderLink iPEPS, you have access to your server through the internet or local network. The AdderLink iPEPS uses Real VNC software which is especially designed for a safe and high quality KVM over IP use. An additional power supply is available (AD1118).

- Powered through the PS/2 port.

Technical specifications

Connections (computer)	: PS/2 female (x2), RJ45 female (x1), VGA HD D-sub 15-pin female (x1), VGA HD D-sub 15-pin female (x2)
Connections (console)	: PS/2 female (x1), RJ45 female (x1), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 30Hz	: 1600 x 1200
Video signal	: VGA
Video support	: EDID
Power supply	: External power adapter
Included	: Power adapter, mount material, cables

Type no.	Manufacturer no.	Description
AD1900	AL-IPEPS	ADDERlink ipeps KVM over IP unit

ADDERLink ipeps KVM over IP unit plus local control

A powerful and flexible KVM over IP product. With the AdderLink iPEPS, you have access to your server through the internet or local network. The AdderLink iPEPS uses Real VNC software which is especially designed for a safe and high quality KVM over IP use. An additional power supply is available (AD1118).

- The AD1902 contains a loopthrough connection for connection a display locally
- Powered through the PS/2 port.

Technical specifications

Connections (computer)	: PS/2 female (x2), RJ45 female (x1), VGA HD D-sub 15-pin female (x1), VGA HD D-sub 15-pin female (x2)
Connections (console)	: PS/2 female (x1), RJ45 female (x1), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 30Hz	: 1600 x 1200
Video signal	: VGA
Video support	: EDID
Power supply	: External power adapter
Included	: Power adapter, mount material, cables

Type no.	Manufacturer no.	Description
AD1902	AL-IPEPS-DA	ADDERlink ipeps KVM over IP unit plus local control

ADDERLink ipeps+

Part of the ADDERLink®ipeps range, the ipeps+ enables you to remotely access and control your critical computing hardware using your standard IP network. UsingRealVNC client software, computers outside the network can be remotely and securely accessed. You can stream video up to 1920 x 1200 @ 30Hz.

- KVM over IP for secure remote server management
- Enables secure computer access from anywhere in the world
- Will work with video resolution up to 1920x1200
- Can create up to 16 user profiles
- EDID management
- Compatible receiver AT1046

Technical specifications

Connections (computer)	: HDMI A (full-size) female (x1), USB B female (x1)
Connections (console)	: HDMI A (full-size) female (x1), USB A female (x2)
Max. resolution @ 30Hz	: 1920 x 1200
Video signal	: HDMI
Video support	: EDID
HDMI specification	: Not specified by manufacturer
Other signals	: Analog audio
Control method	: API, Software
IP console	: Yes
Network interface	: 10/100/1000 Mbps
Network security	: AES 128 bit encryption, AES 256 bit encryption, RSA 2048 bit public key authentication
Power supply	: External power supply
Included	: Power adapter, power cable, HDMI cable, USB A to B cable

AD2109

Number of consoles	: 1
Number of computers	: 1

Type no.	Manufacturer no.	Description
AD2109	IPEPS-PLUS-EURO	ADDERLink ipeps+

ADDERLink digital ipeps

Connect and manage your computer system with digital video and USB over IP. The ADDERLink Digital iPeps features a DVI connector that can also be used for DisplayPort or HDMI with a converter cable. One socket for USB mouse and keyboard and another for Virtual Media allowing users to transfer files from the users USB storage device to the controlled computer. The RealVNC client software used by the ADDERLink Digital iPeps is specifically designed for secure, high performance KVM over IP applications. A palm sized solution to create KVM management with high res digital video over IP.

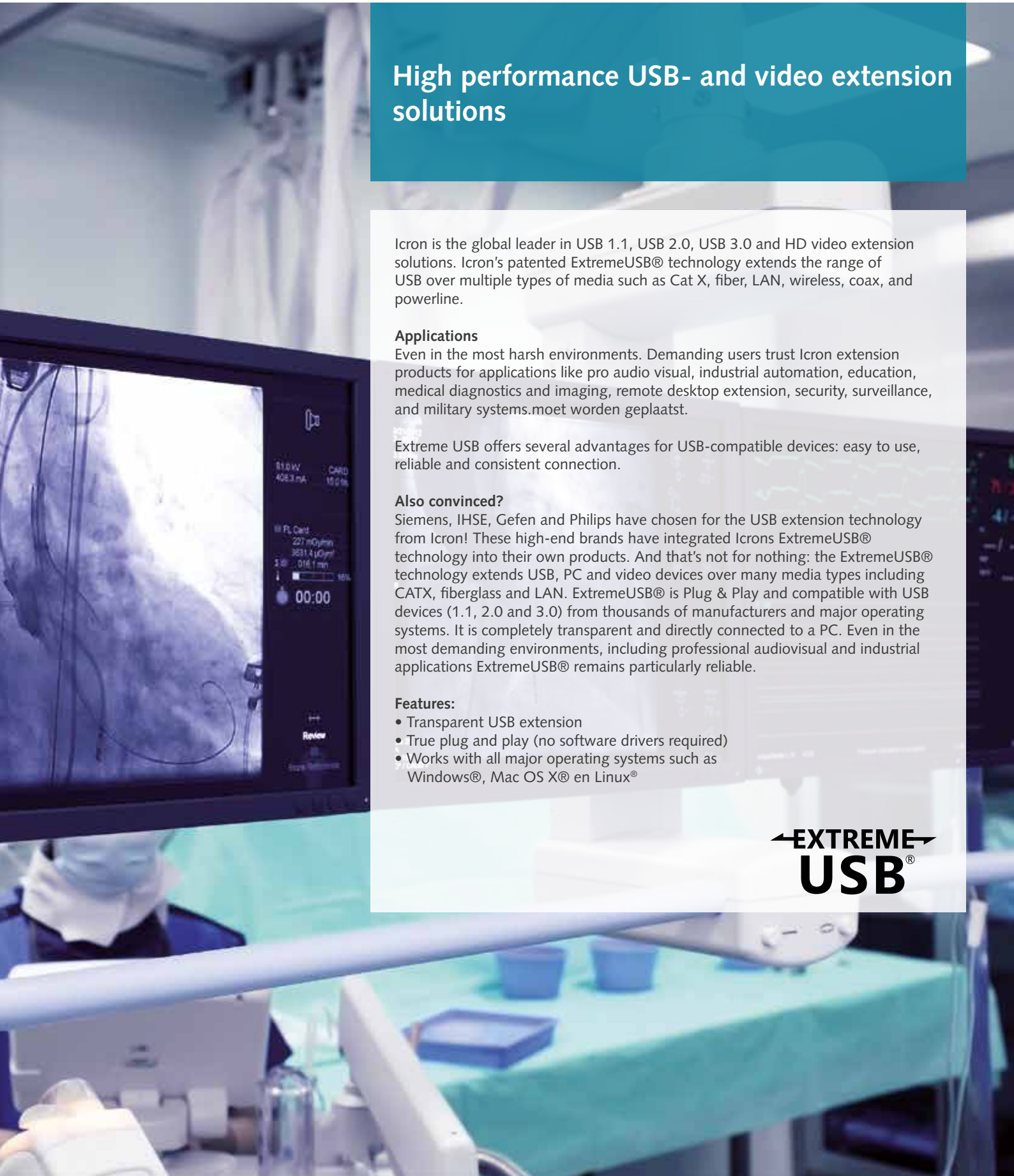
- High-res digital video KVM management over IP.
- Computer independent operation.
- Enterprise grade security (VNC)
- Powered by USB or external power supply

Technical specifications

Connections (console)	: D-sub 9-pin female (x1), DVI 24+1-pin female (x1), PS/2 female (x1), RJ45 female (x1), USB B female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: DVI
Other signals	: RS-232
Power supply	: External power supply
Included	: Power adapter, adhesive feet, cables

Type no.	Manufacturer no.	Description
AD8023	ALD-IPEPS-IEC	ADDERLink digital ipeps

High performance USB- and video extension solutions



Icron is the global leader in USB 1.1, USB 2.0, USB 3.0 and HD video extension solutions. Icron's patented ExtremeUSB® technology extends the range of USB over multiple types of media such as Cat X, fiber, LAN, wireless, coax, and powerline.

Applications
Even in the most harsh environments. Demanding users trust Icron extension products for applications like pro audio visual, industrial automation, education, medical diagnostics and imaging, remote desktop extension, security, surveillance, and military systems.moet worden geplaatst.

Extreme USB offers several advantages for USB-compatible devices: easy to use, reliable and consistent connection.

Also convinced?
Siemens, IHSE, Gefen and Philips have chosen for the USB extension technology from Icron! These high-end brands have integrated Icrons ExtremeUSB® technology into their own products. And that's not for nothing: the ExtremeUSB® technology extends USB, PC and video devices over many media types including CATX, fiberglass and LAN. ExtremeUSB® is Plug & Play and compatible with USB devices (1.1, 2.0 and 3.0) from thousands of manufacturers and major operating systems. It is completely transparent and directly connected to a PC. Even in the most demanding environments, including professional audiovisual and industrial applications ExtremeUSB® remains particularly reliable.

Features:
- Transparent USB extension
- True plug and play (no software drivers required)
- Works with all major operating systems such as Windows®, Mac OS X® en Linux®

EXTREME USB®

Icron

Icron product overview

Icron Technologies is the world's leading developer and manufacturer of high performance USB and video extension solutions for commercial, medical and industrial markets.
Below is an overview of our ICRON USB 1.1, 2.0, 3.0 extenders. The USB 2.0 Ranger extender set can extend USB 2.0 signal over a distance of 10 km via singlemode fiber.

ExtremeUSB enables long distance extension and has a number of advantages: easy to use, reliable and consistent connection for all USB compatible devices.

Features:
- Transparent USB extension
- Plug and play; no software drivers required
- Works with all common operating systems: Windows®, Mac OS X® and Linux®

Type no.	SD2006	SD2007	SD2029	SD2030	SD2028	SD2031	SD2027
Product	USB 1.1 Rover® 1850	USB 1.1 Rover® 2850	USB 2.0 Ranger® 2301	USB 2.0 Ranger® 2301 GE-LAN	USB 2.0 Ranger® 2311	USB 2.0 Ranger® 2312	USB 2.0 Ranger® 2324
USB version	USB 1.1	USB 1.1	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Max. distance	85m	85m	100m	100m	100m	100m	500m
Data transfer	CAT 5e/6/7	CAT 5e/6/7	CAT 5e/6/7	CAT 5e/6/7 or Local Area Network	CAT 5e/6/7	CAT 5e/6/7	Multimode Fiber
Power supply	Bus Powered	Bus Powered	Receiver	Receiver	Transmitter or Receiver	Transmitter or Receiver	Receiver
Number of USB ports	1	2	1	1	1	2	4

Type no.	SD2032	SD2019	SD2023	SD2021	SD2017	SD2036	SD2035
Product	USB 2.0 Ranger® 2344	USB 2.0 Ranger® 2304	USB 2.0 Ranger® 2304GE-LAN	USB 3.0 Spectra™ 3001-15	USB 3.0 Spectra™ 3022	Icron USB 3-2-1 Raven™ 3124	Icron USB 3-2-1 Raven™ 3104
USB version	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0	USB 3.1, 2.0, 1.1	USB 3.1, 2.0, 1.1
Max. distance	10km	100m	100m	15m	100m	200m	100m
Data transfer	Singlemode Fiber	CAT 5e/6/7	CAT 5e/6/7 or Local Area Network	Active Copper Cable	Multimode Fiber	Multimode Fiber	CAT 6a/7
Power supply	Receiver	Receiver	Receiver	Bus Powered	Receiver	Transmitter and Receiver	Transmitter and Receiver
Number of USB ports	4	4	4	1	2	4	4

USB

Over CATx

Icron

Spectra 3001-15 USB 3.0 extension cable

- Bus powered, no external power supply needed
- Locking USB connector
- USB3 Vision compliant
- Not backwards compatible with USB 2.0 and 1.1

Technical specifications

Connections (in)	: USB A male (x1)
Connections (out)	: USB A female (x1)
Extension cable	: USB 3.0
Extension connector	: USB A female
Extension protocol	: Own
Loop-through	: Yes
Power supply	: Bus powered
Included	: Cable tie

Type no.	Manufacturer no.	Description
SD2021	00-00351	USB 3.0 extension cable 15 meters

USB 2.0 Ranger 2304 extender set

- Operates with all USB controllers
- Fastest through-outputs with read/write devices

Technical specifications

Connections	: RJ45, USB
Connections (in)	: RJ45 female (x1), USB B female (x1)
Connections (out)	: RJ45 female (x1), USB A female (x4)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
USB version	: USB 2.0 - HighSpeed (Enhanced)
Power supply	: External power supply
Included	: USB 2.0 cable, power adapter

Type no.	Manufacturer no.	Description
SD2019	00-00348	USB Ranger 2304 USB 2.0 extender set

ACT

USB Extender set over UTP

- Active USB extender for an optimal signal
- Equipped with a DC jack for connecting an optional power supply

Technical specifications

Connections (in)	: RJ45, USB Type-A male
Connections (out)	: RJ45, USB Type-A female
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Loop-through	: Yes
Power supply	: Bus powered

Type no.	Manufacturer no.	Description
AC6060	AC6060	USB extender up to 60 meters via UTP RJ45

Over fiber

Icron

Spectra 3022 USB 3.0 extender set

- USB 3.0 extension over up to 100 meters, 50 meters for data storage.
- USB3 Vision compliant
- Rugged locking USB and power connectors
- Not compatible with USB 2.0 and 1.1

Technical specifications

Fiber connection	: Duplex LC
Connections (in)	: USB B female (x1)
Connections (out)	: USB A female (x2)
Extension cable	: Fiber multi mode (x1)
Extension connector	: LC
Extension protocol	: Own
Loop-through	: Yes
Power supply	: Bus powered, External power supply
Included	: SFP transceiver modules, power adapter, USB 3.0 cable, power cable

Type no.	Manufacturer no.	Description
SD2017	00-00328	Spectra 3022 USB 3.0 extender set

Opticis

USB 1.1 fiber extension set

This USB extender extends USB signals up to 40 metres and is specifically suited for critical industrial applications where galvanic separation is required. Thanks to the use of duplex multimode fiber, the OP25-series are unsensitive to electromagnetic or other types of interference. No installation software is needed. These series are bus powered.

Technical specifications

Connections (in)	: USB A male (x1)
Connections (out)	: USB A female (x1)
Extension cable	: Fiber multi mode (x2)
Extension connector	: LC
Extension protocol	: Own
4K compatible	: Yes
Loop-through	: Yes
Power supply	: Bus powered
Included	: Power adapter

Type no.	Manufacturer no.	Description
OP2501	M2-100-10	USB 1.1 fiber extension set
OP2502	M2-100-20	USB 1.1 fiber extension set
OP2503	M2-100-30	USB 1.1 fiber extension set
OP2504	M2-100-40	USB 1.1 fiber extension set

Over IP

Icron

USB 2.0 Ranger 2304 extender set

- Functions with 100Mbps or 1000Mbps LANs

Technical specifications

System cable	: CAT UTP
Max. length system cable	: 100 m
USB compatibility	: USB 2.0 - HighSpeed (Enhanced)
Connections (in)	: USB B female (x1)
Connections (out)	: USB A female (x4)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Loop-through	: Yes
Power supply	: External power adapter
Included	: Power adapter

Type no.	Manufacturer no.	Description
SD2023	00-00377	USB Ranger LAN GE-2304 USB 2.0 extender set

Adder

ADDER C-USB LAN extender set

Extends an USB 2.0 signal via an UTP cable. Can be used point-to-point or in combination with the AIM manager (AD8059). Expendable to a KVM matrix of unlimited size.

- Transparant USB functionality
- Plug & play
- Optional available: Transmitter (AD2032) and receiver (AD2033)

Technical specifications

Connections (computer)	: RJ45 female (x1), USB B female (x1)
Connections (console)	: RJ45 female (x1), USB A female (x4)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Loop-through	: Yes
Power supply	: External power supply
Included	: Power adapter, USB cable

Type no.	Manufacturer no.	Description
AD2031	C-USB-LAN-P-IEC	ADDER C-USB Lan extender set to 100 meters

Over USB

ACT

USB 2.0 Signal Booster

- Possibility to cascade up to 4 USB signal extenders

Technical specifications

Interface	: USB 2.0
Connector A	: USB A male
Connector B	: USB A female

Type no.	Manufacturer no.	Description
AC6005	AC6005	USB 2.0 Booster, 5m
AC6010	AC6010	USB 2.0 Booster, 10m

Eminent

USB 3.1 Gen1 (USB 3.0) USB-C to USB-C Signal Booster , 5m

- Cascade the USB-C Signal Booster up to 3 times (max. 15 meters)
- With DC input for connecting an optional 5V power adapter

Technical specifications

Cable lenght	: 5 m
Interface	: USB 3.1 Gen1 (USB 3.0)
Data transfer rate	: 5 Gbps
Connector A	: USB C male
Connector B	: USB C female
Connector C	: DC jack
Optional	: Power Supply 5V 2A (not included): SB2061

Type no.	Manufacturer no.	Description
EM1535	EM1535	USB 3.1 Gen1 (USB 3.0) USB-C to USB-C booster, 5m

USB 3.1 Gen1 (USB 3.0) Signal Booster

- Cascade the USB Signal Booster up to 2 times
- With DC input for connecting an optional 5V power adapter

Technical specifications

Interface	: USB 3.1 Gen1 (USB 3.0)
Data transfer rate	: 5 Gbps
Connector A	: USB A male
Connector B	: USB A female
Connector C	: DC jack
Optional	: Power Supply 5V 2A (not included): SB2061

Type no.	Manufacturer no.	Description
EM1530	EM1530	USB 3.1 Gen1 (USB 3.0) booster, 5m
EM1531	EM1531	USB 3.1 Gen1 (USB 3.0) booster, 10m

HRT

Huddle Hub One SRE

The HRT Huddle Hub One is a wireless presentation system. It enables you to present the screen of your computer or mobile device on multiple screens. The huddle hub shows presentations directly on laptops, tablets or mobile phones of participants in a meeting. This contains the single room edition. Multi-room edition is available as the VD0004 and VD0005.

- Single room edition
- Up to 150 users can join any of the available sessions
- Up to 4 presentations at the same time on a screen
- Functions with Windows, MacOS, Android and iOS
- Lifetime free updates
- Wireless USB, camera and sound

Technical specifications

Max. resolution @ 30Hz	: 1080p
Control method	: Software
Power supply	: External power supply
Included	: Brackets, power adapter

Type no.	Manufacturer no.	Description
VD0009	P HHS BSC 0002	Huddle Hub One SRE

Huddle Hub One plus SRE

The HRT Huddle Hub One+ is a wireless presentation system. It enables you to present the screen of your computer or mobile device on a large screen in a meeting room or to multiple screens. A screen is not always necessary, as the huddle hub shows presentations directly on a laptop, tablet or mobile phones from participants in a meeting. The Huddle Hub One+ versions contain an onboard dual-band access point and Wi-Fi authentication protocol. This is the Single room edition, also available in multiroom edition (VD0004).

- Single room edition
- Contains Wi-Fi authentication protocol
- Up to 150 participants per session
- Up to 4 presentations at once on a screen
- Functions with Windows, MacOS, Android and iOS
- Contains dual-band access point
- Dual network mode for guests

Technical specifications

Max. resolution @ 30Hz	: 1080p
Control method	: Software
Power supply	: External power supply
Included	: Bracket, power adapter

VD0010

Connections (in)	: HDMI A (full-size) female (x1), RJ45 female (x1), USB A female (x1)
Video signal	: HDMI
HDMI specification	: Not specified by manufacturer

Type no.	Manufacturer no.	Description
VD0010	P HHS PLS 0002	Huddle Hub One Plus SRE

Atlona

Universal presentation switch with wireless presentation link

The Atlona AT-UHD-SW-510W is a 5×1 multi-format switcher with wireless presentation capability. It provides universal BYOD (bring your own device) compatibility with HDMI, DisplayPort, and USB-C inputs, plus wireless connectivity for mobile devices.

- Universal presentation switch with wireless presentation capability
- Automatic input selection & display control
- Support for 4K/60 4:4:4 and HDR formats on local ports (HDMI, USB-C, and DisplayPort)
- USB-C video and charging for laptops, tablets and smartphones
- Wireless AV gateway
- Audio embedding and de-embedding
- Matrixed of mirrored HDBaseT and HDMI outputs
- Occupancy sensor triggering (product starts when someone enters a room)
- 10 year warranty

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x1), Terminal block 5-pin female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Analog audio, Digital audio, RS-232
Control method	: Button, Serial, Web browser interface
Power supply	: External power supply
Included	: Captive screw connectors x3, WiFi antenna x2, Mount plates and screws, power adapter

AT1094

Connections (in)	: 3,5 mm jack female (x1), DisplayPort female (x1), HDMI A (full-size) female (x2), USB C female (x1)
Video signal	: DisplayPort, HDMI, USB-C
Video support	: CEC, EDID, HDCP
HDMI specification	: HDMI 2.0
DisplayPort specification	: DisplayPort 1.2

Type no.	Manufacturer no.	Description
AT1094	AT-UHD-SW-510W-EU	Universal presentation switch with wireless BYOD

Switching/splitting

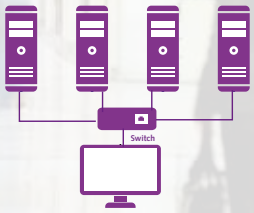
Examples of switching and splitting

Switching
Multiple sources can be connected to a switch and the video signal is dispayed on a single screen. It's easy to switch between the connected sources.

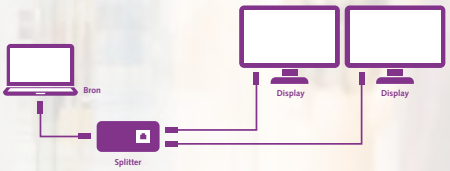
Splitting
A splitter splits a single video signal to multiple displays. The source is connected to a splitter and the splitter duplicates this signal into several equal outputs.

Applications
Switches and splitters are applied:
- When multiple screens need to display the same image
- When different sources need to be displayed at intervals
- When a single user in one place needs to manage multiple computers

Some examples of switching and splitting applications are:
- Office: to display information on different screens
- Store: to show promotions on different screens
- Meeting Room: to switch between different video sources
- Workplace: where one user need to work on multiple computers
- Video surveillance: for switching between camera images



Switching: connecting multiple sources on a single screen



Splitting: single signal to multiple displays

ACT

HDMI Splitters | Switches

ACT AV solutions are used in meeting rooms, waiting rooms and in companies to show presentations and information on screens. With a splitter it is possible to show the same information on multiple screens. With the ACT products you choose for reliability in daily use.

Type no.	AC7830	AC7840	AC7860
Description	HDMI Splitter via HDMI cable	5x1 HDMI Switch	HDMI 4K Matrix Switch 4x4 with 4K @ 60Hz support
Extension cable	HDMI	HDMI	HDMI
Extension connector	HDMI	HDMI	HDMI
4K Compatible	Yes	Yes	Yes
Max. resolution	3840 x 2160 @ 30 Hz	3840 x 2160 @ 30 Hz	3840 x 2160 @ 60 Hz
3D support	1080p @ 30/60 Hz	1080p @ 60 Hz	-
Audio Pass-through	DTS-HD MA, Dolby True-HD, Dolby Digital	DTS-HD MA, Dolby True-HD, Dolby Digital	DTS-HD MA, Dolby True-HD, Dolby Digital
Power	5V 1A	5V 1A	5V 3A
Included	External power supply	External power supply, remote control	External power supply, Remote control, IR-RX cable, Phoenix plug for RS232 cable, Mounting kit with screws
Connections	HDMI	HDMI	HDMI, RJ45, IR, SPDIF
Connections in	HDMI female 1x	HDMI female 5x	HDMI female 4x
Connections out	HDMI female 4x	HDMI female 1x	HDMI female 4x, SPDIF 4x, RJ45 1x, RS232, IR-RX jack
Video signal	HDMI	HDMI	HDMI
Video support	EDID, HDCP 1.4 compliant	EDID – CEC passthrough - HDCP 1.4 compliant	EDID, HDCP 2.2/1.4
HDMI specification	HDMI 1.4a	HDMI 1.4a	HDMI 2.0

Audio/video

Switches

ACT

HDMI Switch 5 Ports

- Display 5 sources on 1 screen
- Auto input sensing: switches automatically to the available source

Technical specifications

Connections (in)	: HDMI A (full-size) female (x5)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, IR
Control method	: Button, Remote control (IR)
Power supply	: External power supply
Included	: Power adapter, remote control

AC7840

Connections (out)	: HDMI A (full-size) female (x1)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
AC7840	AC7840	HDMI switch 5-ports

4 x 4 HDMI Matrix Switch with 4K @ 60Hz support

HDMI matrix switch for displaying 4 sources on 4 screens. Switch and distribute up to 4 HDMI sources and 4 HDMI displays and control them via the front panel push buttons, software, remote control, IP and RS-232

- 4x4 HDMI Matrix distributing and switching up to 4 HDMI sources to 4 HDMI monitors
- 4K @ 60Hz support (YUV 4:4:4)
- Audio output via HDMI or SPDIF/Coaxial
- Control the matrix by using the remote control, front panel push buttons, software, IP and RS-232
- 2 viewing presets via remote control
- EDID management to set up optimal video configurations via various EDID modes
- HDCP 2.2 compliant
- Status LEDs

Technical specifications

4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, IR, RS-232
Control method	: Button, Remote control (IR), Serial, Software, Web browser interface
Power supply	: External power supply
Included	: 5V DC power supply, remote control, IR-RX cable, Phoenix plug for RS232 cable, mounting kit with screws

AC7860

Connections (in)	: HDMI A (full-size) female (x4)
Connections (out)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
AC7860	AC7860	HDMI 4K matrix swith 4-ports

tvONE

4K HDMI switch 4 ports

The tvONE 1T-SX-654 HDMI 2.0 auto-switcher has four HDMI inputs and one HDMI output and supports video resolutions up to 4Kx2K @60Hz 4:4:4 HDR (High Dynamic Range). This ultra thin 4x1 switch has an auto-switch mode, which means that the device switches automatically to the HDMI input on which a video source is connected. Control is done via buttons of the front panel or via RS-232 or the included remote control. The unit supports multi-channel audio in the HDMI signal and can use de-embedded digital stereo audio. Also includes audio return channel (ARC) for sending back audio via the same HDMI cable to the connected display.

- Switches one of the four HDMI inputs to a single HDMI output
- Supports video resolutions up to 4K x 2K @ 60Hz 4:4:4 HDR
- HDMI 2.0 with 18 Gbps bandwidth
- ARC (audio return channel) support
- HDCP 2.2 support
- Very thin (12mm) design for easy installation
- Control via RS-232 and Infrared (IR)
- Supports control via CEC (Consumer Electronics Control)
- Up-to-date EDID management

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Control method	: Remote control (IR), Serial
Power supply	: External power supply
Included	: Power adapter, remote control

TN2175

Connections (in)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: ARC, CEC, EDID, HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
TN2175	1T-SX-654	4K HDMI switch 4 ports

2 port HDMI 1.3 switch

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
Max. resolution @ 30Hz	: 1080p
Other signals	: RS-232
Control method	: Button, Remote control (IR)
Power supply	: External power supply
Included	: Power adapter

TN8007

Connections (in)	: HDMI A (full-size) female (x2)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.3

Type no.	Manufacturer no.	Description
TN8007	1T-SX-632	HDMI 1.3 switch 2-port

4 port HDMI 1.4 switch

- Including embedded audio

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
Max. resolution @ 60Hz	: 1920 x 1200
Other signals	: RS-232
Control method	: Button, Remote control (IR), Serial
Power supply	: External power supply
Included	: Power adapter

TN2014

Connections (in)	: D-sub 9-pin female (x1), HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
TN2014	1T-SX-644	HDMI 1.4 switch 4-port

Atlona

Omega 3x2 matrix switch HDMI and USB

The Atlona AT-OME-SW32 is a 3×2 matrix switcher with HDMI and USB-C inputs, and HDMI outputs. Part of the Omega™ Series of integration products for modern AV communications and collaboration, the OME-SW32 is HDCP 2.2 compliant and supports 4K HDR and 4K/60 4:4:4 at HDMI data rates up to 18 Gbps. The USB-C input is ideal for AV interfacing with Mac®, Chromebook™, and Windows® PCs, as well as smartphones and tablets

- Matrix switch USB and two HDMI input, plus two HDMI out
- Selectable 4K to 1080p downscaling
- Automatic display control
- Field-updatable firmware
- Multi-channel audio compliant

Technical specifications

4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, IR, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: Mounting kit, 2 meter USB-C male to male cable and power supply

AT1139

Connections (in)	: HDMI A (full-size) female (x2), USB C female (x1)
Connections (out)	: HDMI A (full-size) female (x2), Terminal block 5-pin female (x1)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
AT1139	AT-OME-SW32	Omega 3x2 matrix switch HDMI and USB

4 x 2 HDMI matrix switch with USB-C

The AT1163 is a 4×2 matrix switcher with HDMI, USB-C, and DisplayPort inputs, plus HDMI and HDBaseT outputs. It is also available as the AT-OME-MS42-KIT (AT1165) with the AT1164 receiver. Part of the Omega Series, the AT1163 is HDCP 2.2 compliant and features HDBaseT extension for video up to 4K @ 60 Hz 4:2:0, plus embedded audio, control, Ethernet, and USB over distances up to 100 meters.

- 4 x 2 matrix switch with HDMI, DisplayPort and USB-C inputs
- USB-C input for AV,data and device charging
- HDBaseT and HDMI outputs with selectable AV switching modes
- Extension up to 100 meters
- Remote PoE+ (Power over Ethernet) or local powering
- Audio de-embedding
- Automatic display control
- 10 year warranty

Technical specifications

4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: Power adapter

AT1163

Connections (in)	: DisplayPort female (x1), HDMI A (full-size) female (x1), USB B female (x2), USB C female (x1)
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x1), Terminal block 5-pin female (x1)
Video signal	: DisplayPort, HDMI, USB-C
Video support	: HDCP
HDMI specification	: HDMI 2.0
DisplayPort specification	: DisplayPort 1.2
HDBaseT specification	: HDBaseT 5play

AT1165

Connections (in)	: DisplayPort female (x1), HDMI A (full-size) female (x2), RJ45 female (x1), USB C female (x1)
Connections (out)	: HDMI A (full-size) female (x2), RJ45 female (x1), Terminal block 5-pin female (x1)
Video signal	: DisplayPort, HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 2.0
DisplayPort specification	: DisplayPort 1.2
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
AT1163	AT-OME-MS42	4 x 2 HDMI matrix switch with USB-C
AT1165	AT-OME-MS42-KIT	4 x 2 HDMI matrix switch with USB-C extender kit

JUNO-451 HDMI 4K switch 4 HDR port

The Atlona Juno 451 (AT-JUNO-451) is a 4x1 HDMI switcher for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4chroma sampling, as well as HDMI data rates up to 18 Gbps.

- Support for HDR formats
- Automatic input selection
- Return audio from TV to optical digital audio output
- Multi-channel audio compliant
- HDMI audio de-embedding
- Works with AMS (Atlona Management System)
- Recognizes sleep modus HDMI for autosensing

Technical specifications

Connections (in)	: HDMI A (full-size) female (x4)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, RS-232
Control method	: Remote control (IR), Serial, Web browser interface
Power supply	: External power supply
Included	: Captive scew connector, remote control, mounting kit

AT1025

Connections (out)	: HDMI A (full-size) female (x1)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
AT1025	AT-JUNO-451	4K HDMI switch 4 port HDR

4K HDMI switch 5 ports

The Atlona AT-UHD-SW-51 is a 5x1 HDMI switcher with auto-switching and advanced control capability. The switcher supports 4K/UHD @ 60 Hz, 4:2:0; offers 3D pass-through, and 10.2Gbps bandwidth

- Auto-switching
- Rack mountable
- Supports ARC
- Works with AMS (Atlona Management System)

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1), RCA female (x3)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio, RS-232
Control method	: Remote control (IR), Serial, Web browser interface
Power supply	: External power supply
Included	: Power adapter, captive screw connectors, mount kit, remote control

AT1064

Connections (in)	: HDMI A (full-size) female (x5)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: Not specified by manufacturer

Type no.	Manufacturer no.	Description
AT1064	AT-UHD-SW-51	4K HDMI switch 5 ports

HDMI/VGA switch 3 ports

AT-HD-SC-500. Switcher/scaler with two HDMI inputs and one VGA including audio. It transforms video signals from switches, PCs or laptops and scale them to HDMI output. Up to a maximum resolution of 1080p @ 60Hz. Including various scaling functionalities.

- Input resolution control
- Audio de-embedding
- Auto-switching
- Works with AMS (Atlona Management System)

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: 3x captive screw connectors, power adapter, mount kit

AT1008

Connections (in)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x2), VGA HD D-sub 15-pin female (x1)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
AT1008	AT-HD-SC-500	HDMI/VGA switch 3 ports

Scaler/receiver for HDBaseT and HDMI

The Atlona AT-OME-RX21 is an HDBaseT receiver and 4K/UHD scaler with a local HDMI input. Part of the Omega series of integration products for modern AV communications and collaboration, the OME-RX21 receives HDBaseT for video up to 4K@ 60 4:2:0, plus embedded audio, control and Ethernet over distances up to 100 meters. The HDMI input supports video up to UHD@ 60 4:4:4. The OME-RX21 is HDCP 2.2 compliant and features 4K@ 60 upscaling and downscaling with frame rate conversion.

- HDBaseT receiver voor HDMI, Ethernet, power, and control
- Local HDMI input
- 4K/UHD downscaling and upscaling
- Audio de-embedding
- Dual Ethernet ports and integrated network switch
- Small and easily mountable
- 10 year warranty

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Mount material, external power supply

AT1166

Connections (out)	: HDMI A (full-size) female (x1), Terminal block 5-pin female (x1)
Max. extension distance	: 100 m
Video signal	: HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: Not specified by manufacturer
HDBaseT specification	: Not specified by manufacturer

Type no.	Manufacturer no.	Description
AT1166	AT-OME-RX21	Scaler/receiver for HDBaseT and HDMI

Splitters

ACT

4K HDMI splitter 4 ports

- Displays 1 source to 4 screens
- Maximum 4K resolution 3840 x 2160@ 30 Hz

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Power supply	: External power supply
Included	: Power adapter

AC7830

Connections (out)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4a

Type no.	Manufacturer no.	Description
AC7830	AC7830	HDMI 1.4a splitter 4 ports

VGA Splitter

- Multiple splitters cascadable

Technical specifications

Connections (in)	: VGA HD D-sub 15-pin female (x1)
Max. resolution @ 60Hz	: 2048 x1536
Power supply	: External power supply
Included	: Power adapter

AC7702

Connections (out)	: VGA HD D-sub 15-pin female (x2)
Video signal	: VGA

AC7704

Connections (out)	: VGA HD D-sub 15-pin female (x4)
Video signal	: VGA

Type no.	Manufacturer no.	Description
AC7702	AC7702	VGA splitter 2 ports
AC7704	AC7704	VGA splitter 4 ports

Ewent

4K HDMI splitter 2 ports

- Compact 1x2 HDMI splitter with 4K and 3D support
- EDID passthrough via port 1, HDCP 1.4; HD audio passthrough
- USB power cable included

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: USB powered
Included	: USB power cable

EW3720

Connections (out)	: HDMI A (full-size) female (x2)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
EW3720	EW3720	HDMI 1.4 splitter 2 port

AVLink

DisplayPort splitter 2 port

For splitting a DisplayPort source to 2 outputs. Compatible with DisplayPort 1.2a.

- Supports SST and MST
- Built-in repeater
- Source to splitter 5m DP cable, splitter to screen as well

Technical specifications

Connections (in)	: DisplayPort female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Power adapter, mount material (including Euro plus and adjustable adapters)

LK1047

Connections (out)	: DisplayPort female (x2)
Video signal	: DisplayPort
Video support	: HDCP
DisplayPort specification	: DisplayPort 1.2a

Type no.	Manufacturer no.	Description
LK1047	DPS-2	DisplayPort splitter 2 port

DisplayPort splitter 4 port

For splitting a DisplayPort source to 4 outputs. Compatible with DisplayPort 1.2a.

- Supports SST and MST
- Built-in repeater
- Source to spliter 5m DP cable, splitter to screen as well

Technical specifications

Connections (in)	: DisplayPort female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply (including Euro plugs and adjustable adapters)
Included	: Power adapter (including Euro plugs and adjustable adapters), mount material

LK1048

Connections (out)	: DisplayPort female (x4)
Video signal	: DisplayPort
Video support	: HDCP
DisplayPort specification	: DisplayPort 1.2a

Type no.	Manufacturer no.	Description
LK1048	DPS-4	DisplayPort splitter 4 port

HDMI 4K splitter 2 port (compact design)

- Copy EDID from output port
- Cascadable

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter (including Euro plugs and exchangeable adapters), cables and mount material, IR cables

LK1040

Connections (out)	: HDMI A (full-size) female (x2)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
LK1040	HS-1412IW	4KHDMI splitter 2 port

HDMI 4K splitter 4 port (compact design)

- Copy EDID from output port
- Cascadable & 3D support

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter (including Euro plugs and exchangeable adapters), mount material

LK1028

Connections (out)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
LK1028	HS-1414IW	HDMI splitter 4K 4 port

HDMI 4K splitter 8 port (compact design)

- Copy EDID from output port
- Cascadable & 3D support

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power adapter
Included	: Power adapter (including Euro plugs and exhangeable adapters), mount material

LK1029

Connections (out)	: HDMI A (full-size) female (x8)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
LK1029	HS-1418IW	4K HDMI splitter 8 port

HDMI splitter 2 ports

HDMI splitter 2 ports. Supports 3D and EDID functionality.

- HDMI splitter 2 ports
- Supports 3D
- EDID functionality
- Cascadable

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: External power supply
Included	: Power adapter (including Euro plugs and adjustable adapters), screws, foot pads

LK1056

Connections (out)	: HDMI A (full-size) female (x2)
Video signal	: HDMI
Video support	: EDID
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
LK1056	HS-1512PW	HDMI splitter 2 ports

HDMI splitter 8 ports

HDMI splitter 8 ports. Supports 3D and EDID functionality.

- HDMI splitter 8 ports
- Supports 3D
- EDID functionality
- Cascadable

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: External power supply
Included	: Power adapter (including Euro plugs and adjustable adapters), screws, foot pads

LK8001

Connections (out)	: HDMI A (full-size) female (x8)
Video signal	: HDMI
Video support	: EDID
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
LK8001	HS-1518PW	HDMI splitter 8 ports

Adder

ADDERLink LPV154 transmitter

- Optional available: AD2004 VGA receiver unit

Technical specifications

Connections (in)	: RJ45 female (x4), VGA HD D-sub 15-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Power supply	: External power supply
Included	: Power adapter, video cable

AD2003

Connections (out)	: VGA HD D-sub 15-pin female (x2)
Max. extension distance	: 150 m
Video signal	: VGA
Video support	: DDC, EDID

Type no.	Manufacturer no.	Description
AD2003	ALPV154T-IEC	ADDERLink LPV154 transmitter

tvONE

4K HDMI splitter with downscaling 2 ports

The MG-DA-61x serie (TN2176, TN2177 and TN2178) consists of three compact HDMI distribution amplifiers. These high performance solutions with HDMI video input function with a resolution of up to 4K x 2K @ 60Hz (YUV444) including HDR (High Dynamic Range). Up to 32 audio channels can be supported with sampling rates up to 192 KHz. Also, 7.1 digital surround audio is passed on through high resolution digital audio formats, such as LPMC 7.1 CH, Dolby Digital Plus, DTS-HD Master Audio and Dolby Atmos. The MG-DA-61x series is available in a 2 port, 4 port and 8 ports version.

- Split an incoming HDMI signal to multiple outputs
- Supports video resolutions up to 4K @ 60Hz 4:4:4 8-bit
- Support for HDCP 2.2, HDR and 3D
- HDMI 2.0 with 18 Gbps bandwidth
- Ultra slim design (only 18mm) for easy installation

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Power adapter

TN2176

Connections (out)	: HDMI A (full-size) female (x2)
Video signal	: HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: HDMI 2.0a

Type no.	Manufacturer no.	Description
TN2176	MG-DA-612	4K HDMI splitter with downscaling 2 ports

4K HDMI splitter with downscaling 4 ports

The MG-DA-61x serie (TN2176, TN2177 and TN2178) consists of three compact HDMI distribution amplifiers. These high performance solutions with HDMI video input function with a resolution of up to 4K x 2K @ 60Hz (YUV444) including HDR (High Dynamic Range). Up to 32 audio channels can be supported with sampling rates up to 192 KHz. Also, 7.1 digital surround audio is passed on through high resolution digital audio formats, such as LPMC 7.1 CH, Dolby Digital Plus, DTS-HD Master Audio and Dolby Atmos. The MG-DA-61x series is available in a 2 port, 4 port and 8 ports version.

- Split an incoming HDMI signal to multiple outputs
- Supports video resolutions up to 4K @ 60Hz 4:4:4 8-bit
- Support for HDCP 2.2, HDR and 3D
- HDMI 2.0 with 18 Gbps bandwidth
- Ultra slim design (only 18mm) for easy installation

tvONE

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Power adapter

TN2177

Connections (out)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: 2.0a

Type no.	Manufacturer no.	Description
TN2177	MG-DA-614	4K HDMI splitter with downscaling 4 ports

4K HDMI splitter with downscaling 8 ports

The MG-DA-61x serie (TN2176, TN2177 and TN2178) consists of three compact HDMI distribution amplifiers. These high performance solutions with HDMI video input function with a resolution of up to 4K x 2K @ 60Hz (YUV444) including HDR (High Dynamic Range). Up to 32 audio channels can be supported with sampling rates up to 192 KHz. Also, 7.1 digital surround audio is passed on through high resolution digital audio formats, such as LPMC 7.1 CH, Dolby Digital Plus, DTS-HD Master Audio and Dolby Atmos. The MG-DA-61x series is available in a 2 port, 4 port and 8 ports version.

- Split an incoming HDMI signal to multiple outputs
- Supports video resolutions up to 4K @ 60Hz 4:4:4 8-bit
- Support for HDCP 2.2, HDR and 3D
- HDMI 2.0 with 18 Gbps bandwidth
- Ultra slim design (only 18mm) for easy installation

tvONE

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: Digital audio
Power supply	: External power supply
Included	: Power adapter

TN2178

Connections (out)	: HDMI A (full-size) female (x8)
Video signal	: HDMI
Video support	: CEC, EDID, HDCP
HDMI specification	: 2.0a

Type no.	Manufacturer no.	Description
TN2178	MG-DA-618	4K HDMI splitter with downscaling 8 ports

Opticis

DVI-D splitter 4 port

Technical specifications

Connections (in)	: DVI 18+1-pin female (x1)
Max. resolution @ 60Hz	: 1920 x 1200
Power supply	: External power supply
Included	: Power adapter

OP3920

Connections (out)	: DVI 18+1-pin female (x4)
Video signal	: DVI
Video support	: EDID, HDCP
DVI specification	: DVI-D Single Link

Type no.	Manufacturer no.	Description
OP3920	OVD14	DVI-D single link splitter 4 port

Atlona

4K HDMI distribution amplifier HDR

The Atlona Rondo is a HDMI distribution amplifier series for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4chroma sampling, as well as HDMI data rates up to 18 Gbps.

- 8 times cascadable
- HDR format compatible

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: External power supply
Included	: Power adapter

AT1035

Connections (out)	: HDMI A (full-size) female (x2)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 2.0

AT1036

Connections (out)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
AT1035	AT-RON-442	4K HDMI distribution amplifier 2 port HDR
AT1036	AT-RON-444	4K HDMI distribution amplifier 4 port HDR

4K HDMI/HDBaseT distribution amplifier 4 ports 70 meters

The Atlona AT-UHD-CAT-4 is a 4K/UHD HDMI to HDBaseT distribution amplifier featuring pass-through HDMI input connections, four HDBaseT outputs and display control capability

- PoE source (remotely powers PoE compatible receivers)
- Automatic display control
- Works with AMS (Atlona Management System)

Technical specifications

Connections (in)	: HDMI A (full-size) female (x1), RJ45 female (x1), Terminal block 5-pin female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: HDBaseT
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Loop-through	: Yes
Other signals	: Digital audio, RS-232
Power supply	: External power supply
Included	: Power adapter, captive screw connectors, mount kit

AT1037

Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x4), Terminal block 5-pin female (x4)
Max. extension distance	: 70 m
Video signal	: HDMI
Video support	: CEC, HDCP
HDMI specification	: Not specified by manufacturer
HDBaseT specification	: HDBaseT 5play

Type no.	Manufacturer no.	Description
AT1037	AT-UHD-CAT-4	4K HDMI/HDBaseT distribution amplifier 4 ports 70 meters

USB 3.0 Hubs

USB 3.0 hub 4 port

4 ports USB 3.0 hub, transfer rate up top 5Gb/s. A solid professional metal USB 3.0 hub, prevents interference. Suitable for use in server rooms or data centers, with a speed of 5 GB/s. This 4 ports USB 3.0 hub is being fed by USB but has the option to get external power via a 5 volt adapter (RX1024, separately available, not included).

- Shares 4 USB 3.0 ports
- Metal solid housing
- USB powered
- Power adapter (RX1024) separately available

Technical specifications

Connections (in)	: USB A female (x4)
Power supply	: Bus powered

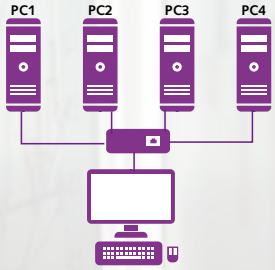
Type no.	Manufacturer no.	Description
RX1016	RX1016	USB 3.0 hub 4 ports

KVM switching

Easily switch between different sources

A KVM (keyboard, video, mouse) switch allows one single user to manage and use multiple computers on a single screen, a single mouse and a single keyboard. The screen, keyboard and mouse are connected to the KVM switch. The computers are also connected to the switch
and the user can switch between different computers.

With KVM switching are extensive variations in connections are available, including:
- Video Connections: such as VGA, DVI, HDMI or DisplayPort
- Mouse / Keyboard: choose between USB or PS2
- USB: switch between USB devices
- Audio: switching between audio sources



Applications
Some examples of KVM applications are:
- Office: access to multiple PCs or servers
- Office: from a security point of view PC / server is not present at a desk
- Video surveillance: switching between cameras
- School: management and monitoring of PCs in a classroom
- Broadcasting: switching between audio and video signals

Brands
Adder : Adder specializes in extension, switching and splitting for Audio / Video and KVM.
IHSE : IHSE delivers high quality KVM solutions.
Uniclass : Uniclass stands for functionality with a competitive price.

More info?
Our professional Audio / Video and KVM team is ready to answer your questions about KVM switching.

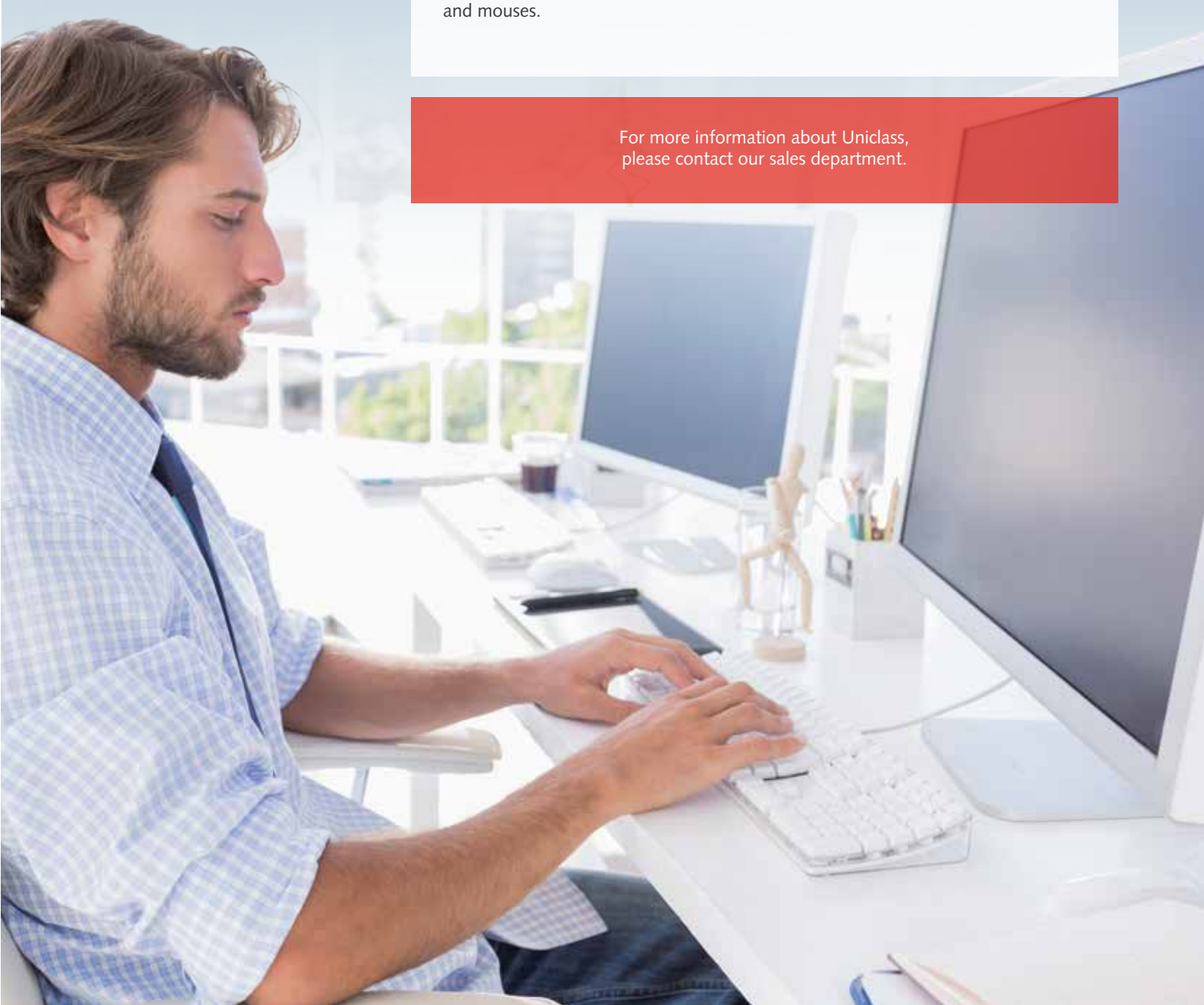
UNICLASS

DisplayPort, HDMI, DVI and VGA KVM switches

Uniclass offers various audio video and KVM products such as DisplayPort, HDMI, DVI and VGA KVM switches.

One of the features is True Transparent USB (TTU) wich enables KVM switch to operate with traditional keyboards and mouses.

For more information about Uniclass, please contact our sales department.



KVM

Switches

Uniclass

2 Port DVI-I Dual-Link Dual Monitor USB KVM Switch with audio

The BD1124 Dual-Link DVI KVM Switch is specifically designed for sharing two monitors between two multimedia computers with Dual Head display [2 x DVI]. With the BD1124, you can fully control two Dual Head PCs using only one keyboard, mouse and Dual DVI monitors/Flat Panel Displays. This Dual Monitor DVI KVM Switch supports both digital video (2560 x 1600) and analog video (2048 x 1536).

- 2 port Dual-Link DVI KVM switch
- 7.1 surround sound support
- Independent switching of audio/hub/pc ports
- True Transparent USB (TTU) emulation technolgie

Technical specifications

Connections (computer)	: 3,5 mm jack female (x6), DVI 24+5-pin female (x2), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x6), DVI 24+5-pin female (x2), USB B female (x1)
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DVI
Video support	: HDCP
DVI specification	: DVI-I Dual Link
Other signals	: Digital audio
Control method	: Button, Hot-key
Power supply	: External power supply
Included	: 2 x Audio cables, 2 x USB cables, 4 x DVI-D cables, 1 x power adapter
Number of consoles	: 1

Type no.	Manufacturer no.	Description
BD1124	AL-702D	2 port DVI-I Dual Link & View KVM switch

DisplayPort/USB KVM switch+audio

- True Transparent USB
- Switches DisplayPort and audio

Technical specifications

Connections (computer)	: 3,5 mm jack female (x2), DisplayPort female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x2), DisplayPort female (x1), USB A female (x4)
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DisplayPort
DisplayPort specification	: Not specified by manufacturer
Other signals	: Analog audio
Control method	: Button, Hot-key
Power supply	: External power supply
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AB7983	AP-204A	DisplayPort, USB and audio switch 1:4
AB7981	AP-202A	DisplayPort, USB and audio switch 1:2

HDMI / USB KVM switch

- True Transparent USB
- Including 4x USB (type a to b) and 4 HDMI cables

Technical specifications

Connections (computer)	: HDMI A (full-size) female (x1), USB B female (x1)
Connections (console)	: HDMI A (full-size) female (x1), USB A female (x2)
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: HDMI
Video support	: EDID, HDCP
HDMI specification	: HDMI 1.4
Control method	: Button, Hot-key, Remote control (IR), Software
Power supply	: External power supply
Included	: Power supply and software
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AB7979	AI-EP04A	HDMI and USB switch 1:4

Compact HDMI / USB KVM switch

- True Transparent USB

Technical specifications

Connections (computer)	: HDMI A (full-size) female (x1), USB B female (x1)
Connections (console)	: HDMI A (full-size) female (x1), USB A female (x4)
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.3
Other signals	: USB 2.0 - HighSpeed (Enhanced)
Control method	: Button, Hot-key, Remote control (IR)
Power supply	: External power supply
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AB7977	AI-CP02A	HDMI and USB switch 1:2

DVI / USB KVM switch+audio

- True Transparent USB

Technical specifications

Connections (computer)	: 3,5 mm jack female (x2), DVI-I Single Link female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x2), DVI-I Single Link female (x1), USB A female (x4)
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI
Video support	: DDC, HDCP
DVI specification	: DVI-I Single Link
Other signals	: Analog audio
Control method	: Button, Hot-key
Power supply	: External power supply
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AB7969	AD-202A	DVI, USB and audio switch 1:2
AB7971	AD-204A	DVI, USB and audio switch 1:4

DVI / USB cable KVM switch

Technical specifications

Max. resolution @ 60Hz	: 1920 x 1200
Control method	: Hot-key, Remote control (wired), Software
Power supply	: USB powered
Included	: Power supply, software and integrated connection cables

AB7966

Connections (computer)	: 3,5 mm jack male (x4), DVI 24+5-pin female (x2), USB A male (x2)
Connections (console)	: 3,5 mm jack female (x2), DVI 24+5-pin female (x1), USB A female (x2)
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-D Single Link
Other signals	: Analog audio

UNICLASS

Type no.	Manufacturer no.	Description
AB7966	UDV-TA2	DVI/USB cable KVM switch 2 ports

Compact DVI / USB KVM switch+audio

- True Transparent USB

Technical specifications

Connections (computer)	: DVI-D Single Link female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x2), DVI-D Single Link female (x1), USB A female (x4)
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: DVI
Video support	: DDC, HDCP
DVI specification	: DVI-D Single Link
Other signals	: Analog audio
Control method	: Button, Hot-key
Power supply	: External power supply, USB powered
Included	: Power adapter
Number of consoles	: 1

UNICLASS

Type no.	Manufacturer no.	Description
AB7963	AD-CP02A	DVI, USB and audio switch 1:2

VGA / PS/2 - USB 19" KVM switch

- Robust and durable design
- Cascadable
- Manage up to 128 computers by cascading multiple switches

Technical specifications

Connections (computer)	: VGA HD D-sub 15-pin male (x1)
Connections (console)	: PS/2 female (x2), VGA HD D-sub 15-pin female (x1)
Max. resolution @ 60Hz	: 2048 x 1536
Video signal	: VGA
Other signals	: RS-232
Control method	: Button, Hot-key, On Screen Display (OSD)
Power supply	: External power supply
Included	: Power supply and daisy-chain cable
Number of consoles	: 1

UNICLASS

Type no.	Manufacturer no.	Description
AB7984	PRIMA T4	VGA/PS/2 - USB 19" KVM switch 4 ports
AB7988	PRIMA T8	VGA/PS/2 - USB 19" KVM switch 8 ports
AB7996	PRIMA T16	VGA/PS/2 - USB 19" KVM switch 16 ports

KVM System Cable for AB7984, AB7988 and AB7996

System cable for professional KVM switch, AB7984, AB7988 and AB7996.

Type no.	Manufacturer no.	Description
AK7980	CAB-2067-1.8M	VGA / PS/2+USB KVM connection cable 1.80 m
AK7981	CAB-2067-3M	VGA / PS/2+USB KVM connection cable 3.00 m
AK7982	CAB-2067-5M	VGA / PS/2+USB KVM connection cable 5.00 m

VGA / USB KVM switch

Technical specifications

Max. resolution @ 60Hz	: 2048 x 1536
Control method	: Button, Hot-key, Software
Power supply	: Bus powered
Included	: Power supply, software and integrated connection cables

AB7964

Connections (computer)	: 3,5 mm jack male (x4), USB A male (x2), VGA HD D-sub 15-pin male (x2)
Connections (console)	: 3,5 mm jack female (x2), USB A female (x2), VGA HD D-sub 15-pin female (x1)

Type no.	Manufacturer no.	Description
AB7964	USB-TA2	VGA, USB and audio switch 1:2

Adder

Adderview pro DisplayPort KVM switch

KVM switch for switching between 4 computers with DisplayPort, USB and audio signals.

- Two extra USB sockets to connect other devices next to mouse and keyboard
- True Emulation USB 2.0 technology
- Independent simultaneous device selection

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), DisplayPort female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x1), DisplayPort female (x1), USB A female (x4)
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DisplayPort
Video support	: DDC, EDID
DisplayPort specification	: Not specified by manufacturer
Other signals	: Analog audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: Button, Hot-key
Power supply	: External power adapter
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD2000	AV4PRO-DP-IEC	DisplayPort, USB and audio switch 1:4

AdderView pro dual-link DVI KVM switch

KVM switch for switching four computers with DisplayPort connection. Including audio and USB. For 8 computers you can use the AD3009.

- Support of analog and digital video
- EDID communication support for optimal screen compatibility
- Separate switching of USB connections

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), DVI 24+5-pin female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x1), DVI 24+1-pin female (x1), USB A female (x4)
Video signal	: DVI
Video support	: DDC, EDID
DVI specification	: DVI-D Dual Link
Other signals	: Analog audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: Button, Hot-key
Power supply	: External power adapter
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3008	AV4PRO-DVI-IEC	DVI, USB and audio switch 1:4
AD3009	AV8PRO-DVI-IEC	DVI, USB and audio switch 1:8

AdderView Pro Multi-Screen dual-link dual-head DVI KVM switch

For switching and control of 4 computers with dual-head dual-link DVI, USB and audio connections. Available in a dual-head DVI (AD3010), triple-head DVI (AD3011) and quad-head DVI version (AD3012).

- Multi-screen and very high resolution
- Independent switching of USB connections
- USB 2.0 connections for fast data transfer

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), DVI 24+5-pin female (x2), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x1), DVI 24+5-pin female (x2), USB A female (x4)
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DVI
Video support	: DDC, EDID
DVI specification	: DVI-I Dual Link
Other signals	: Analog audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: Button, Hot-key
Power supply	: External power adapter
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3010	AV4PRO-DVI-DUAL-IEC	Adderview Pro dual head DVI, USB KVM switch 4 ports
AD3011	AV4PRO-DVI-TRIPLE-IE	Triple-head DVI, USB and audio switch 4 ports
AD3012	AV4PRO-DVI-QUAD-IEC	Quad-head DVI, USB and audio switch 4 ports

AdderView pro single-head VGA KVM switch

Available in a single-head VGA version (AD3052). Also available are a dual-head VGA (AD3054), triple-head (AD3056) and quad-head VGA version (AD3058). All versions with USB and audio.

- USB True Emulation technology
- Independent switching of connected devices

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), USB B female (x1), VGA HD D-sub 15-pin female (x1)
Connections (console)	: 3,5 mm jack female (x1), USB A female (x4), VGA HD D-sub 15-pin female (x1)
Max. resolution @ 60Hz	: 1920 x 1440
Video signal	: VGA
Video support	: DDC, EDID
Other signals	: Analog audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: Button, Hot-key
Power supply	: External power supply
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3052	AV4PRO-VGA-EURO	VGA, USB and audio switch 1:4
AD3054	AV4PRO-VGA-DUAL-IEC	Dual-head VGA, USB and audio switch 1:4
AD3056	AV4PRO-VGA-TRIPLE-IE	Triple-head VGA, USB and audio switch 1:4
AD3058	AV4PRO-VGA-QUAD-IEC	Quad-head VGA, USB and audio switch 1:4

ADDER CCS-PRO USB/audio switch

Control multiple computers with just a mouse and keyboard. Free flow technology: switch between computers by moving the mouse pointer to a next screen.

- Free-Flow, seamlessly switches control between 4 computers by moving the mouse to a next screen
- Multiple computers, multiple monitor, single keyboard/mouse set
- Redundant power supply possible
- Option LED indication (AD8025)
- Optional available: CCS expansion box (AD8027) and monitor indicator LED (AD8027)
- Optional available: Own mount rack (AD8020)
- Option to switch audio and internal mixing / combining with the latest firmware
- Inputs are both analog as digital (mini Toslink)

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x1), USB A female (x4)
Other signals	: Analog audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: API, Hot-key, Remote control (wired), Serial, Web browser interface
Power supply	: External power supply
Included	: Power supply
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD2013	CCS-PRO4-IEC	ADDER CCS-PRO4 USB/audio switch 4 ports
AD2061	CCS-PRO8	ADDER CCS-PRO8 USB/audio switch 8 ports

AdderView CATxIP 5000 KVM switch

This product enables you to use 4 IP connections simultaneously with a local port (5 users). It enables the user to control 16 different devices. The product can also be used as serial console (also known as terminal server) by adding a CATx console, AD1700 or AD1702.

- Four users at a time non-blocking through IP.
- Optional RS-232 control of external devices.
- Secure connection due to 128 bit EAS encryption and 2048 bit RSA authentication.
- Energy saving by Ecopulse technique.

Technical specifications

Connections (computer)	: RJ45 female (x1)
Connections (console)	: D-sub 9-pin female (x1), USB A female (x2), VGA HD D-sub 15-pin female (x1)
Max. resolution @ 60Hz	: 1900 x 1200
Video signal	: VGA
Video support	: DDC
Other signals	: RS-232
Control method	: Serial, Web browser interface
IP console	: Yes
Network interface	: 10/100 Mbps
Power supply	: External power adapter
Included	: Power adapter (x2), cables
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3015	AVX5016IP-IEC	Adderview CATxIP 5000 16-port VGA / USB KVM switch + IP

AdderView CATx 4000 KVM switch

Maintenance of multiple systems by multiple users is possible with the AdderView CATx KVM switches. Up to 4 users can control the connected systems at the same time. This can be done through the local KVM console connection, on remote by means of the X100 or X200 receivers, or – depending on the model – through an IP connection. Next to keyboard, video, mouse (KVM), the switch also supports switching between audio connections. The computer modules, workstation modules and cascade options ensure the AdderView CATx switches to be a flexible solution.

- Switch control by USB keyboard or mouse.
- Easily cascadable up to 256 systems.
- Remote control.

Technical specifications

Connections (computer)	: RJ45 female (x1)
Connections (console)	: 3,5 mm jack female (x1), PS/2 female (x2), USB A female (x2), VGA HD D-sub 15-pin female (x1)
Connections (extended console)	: Console module dependent
Max. extension distance (computer)	: 50 m
Max. extension distance (console)	: 300 m
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: VGA
Video support	: DDC
Other signals	: Analog audio
Control method	: Button, Mouse, Serial
Network interface	: 10/100 Mb/s
Power supply	: External power supply
Included	: Power adapter, mount kit, serial cable
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3004	AVX4016-IEC	Adderview CATx 16-port VGA / USB + PS/2 KVM switch
AD3005	AVX4024-IEC	Adderview CATx 24-port VGA / USB + PS/2 KVM switch
AD3006	AVX4016IP-IEC	Adderview CATx 16-port VGA / USB + PS/2 KVM switch + IP
AD3007	AVX4024IP-IEC	Adderview CATx 24-port VGA / USB + PS/2 KVM switch + IP

AdderView CATx 1000 KVM switch

KVM switch that provides local or remote access to a user and enables to control 16 multi-platform servers by using CATx cables. Available in 8 and 16 ports. Product can be used with receivers X100 or X200.

- Easily cascadable to up to 256 systems.
- Advanced user security management.
- Support of any type PS/2 and USB keyboard and mouse.
- Optional: support of 44.1 KHz audio via cam modules

Technical specifications

Connections (computer)	: RJ45 female (x1)
Connections (console)	: 3,5 mm jack female (x1), USB A female (x2), VGA HD D-sub 15-pin female (x1)
Connections (extended console)	: Console module dependent
Max. extension distance (computer)	: 10 m
Max. extension distance (console)	: 300 m
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: VGA
Video support	: DDC
Other signals	: Analog audio
Control method	: Hot-key, Mouse, On Screen Display (OSD)
Network interface	: 10/100 Mbps
Power supply	: External power adapter, External power supply
Included	: Power adapter, mount kit
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3000	AVX1008-IEC	AdderView CATx 1000 8-port VGA / USB KVM switch
AD3001	AVX1016-IEC	AdderView CATx 1000 16-port VGA / USB KVM switch
AD3002	AVX1008IP-IEC	AdderView CATx 1000 8-port VGA / USB KVM switch + IP
AD3003	AVX1016IP-IEC	AdderView CATx 1000 16-port VGA / USB KVM switch + IP

AdderView Secure DVI KVM switch standard

Reliability is the main thought behind the AdderView Secure KVM range, but also a modern video interface has been kept in mind. This is realised in the form of dual-link DVI-I connections on this switch. Because of this video interface, it is possible to connect computers with both a digital and analog video signal. Moreover, the high bandwidth of dual-link DVI allows a maximum resolution of 2560x1600. These advantages make this switch the best choice in a graphical, high demanding environment where reliability is a necessity. The KVM switch also complies with the high standards that are defined in the Tempest level A standard. A Common Criteria EAL4+ certificate is also available. This means this switch meets up to the requirements that are set in a critical environment.

- Tempest qualified and EAL4+ certified.
- Secure enclosure.
- Electromagnetic isolation on both enclosure and data channels.
- Very suitable for high demand video applications.

Technical specifications

Connections (computer)	: 3,5 mm jack female (x1), DVI-I Single Link female (x1), USB B female (x1)
Connections (console)	: 3,5 mm jack female (x1), DVI-I Single Link female (x1), USB A female (x2)
Max. resolution @ 60Hz	: 2560 x 1600
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-I Single Link
Other signals	: Analog audio
Control method	: Button
Power supply	: External power supply
Included	: Power adapter, mount kit
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3105	AVSD1002-IEC	Adderview Secure 2-port DVI / USB KVM switch
AD3106	AVSD1004-IEC	Adderview Secure 4-port DVI / USB KVM switch

AdderView Secure VGA KVM switch enhanced 2 port

The highest level of security can be found in this KVM switch from the AdderView Secure KVM range. All switches in this range comply with the Tempest standard and have a Common Criteria EAL4+ certification. Next to the possibility to connect a SmartCard reader, these switches are equipped with an even more advanced tamper-protection in the form of a continueous check on modifcations of the switches. With the enhanced version, it is also possible to validate the authenticity of the switch with a certificate that can be acquired.
Connection cables are not enclosed. Please see the AdderView Secure KVM link cables.

- Tempest qualified and EAL4+ certified.
- Tamper secure enclosure.
- Electromagnetic isolation on both enclosure and data channels.
- SmartCard reader supported.

Technical specifications

Connections (computer)	: VGA HD D-sub 26-pin female (x1)
Connections (console)	: USB A female (x2), VGA HD D-sub 15-pin female (x1)
Max. resolution @ 60Hz	: 1920 x 1200
Video signal	: VGA
Video support	: EDID
Control method	: Button
Power supply	: External power supply
Included	: Power adapter
Number of consoles	: 1

Type no.	Manufacturer no.	Description
AD3103	AVSC1102-IEC	Adderview Secure 2-port VGA / USB KVM switch enhanced
AD3104	AVSC1104-IEC	Adderview Secure 4-port VGA / USB KVM switch enhanced
AD3102	AVSV1004-IEC	Adderview Secure 4-port VGA / USB KVM switch
AD3101	AVSV1002-IEC	Adderview Secure 2-port VGA / USB KVM switch

AdderView Secure KVM link cable

Connection cables for connecting computers to the AdderView Secure VGA KVM switches.

Technical specifications

Connections (KVM switch)	: 1x 26 pin to HD D-Sub male + USB

Type no.	Manufacturer no.	Description
AD4004	VSCD6	Adderview Secure VGA / 2x USB link cable 1.8 m

AdderLink X200 console module

The X200 workstation module is very flexible. Combined with the CATx KVM switches - which support this module - a remote workstation can be realised. Combined with a CATx system module, it forms a KVM extender set. If a second CATx system module is combined, the X200 console functions as a KVM switch between the two systems, because of the built-in switch function. Extension distance/resolution: 1920 x 1200 to 50 meters 1600 x 1200 to 100 meters and 1280 x 1024 to 300 meters.

- Including 128 steps of video compensation.
- Automatic brightness correction.
- Full DDC support (EDID)
- High quality audio.

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1900 x 1200
Power supply	: Built-in power supply
Included	: Power adapter, mount material

Type no.	Manufacturer no.	Description
AD1200	X200/R-IEC	AdderLink X200 VGA / USB console module
AD1202	X200A/R-IEC	AdderLink X200 VGA / USB console module with audio
AD1204	X200AS/R-IEC	AdderLink X200 VGA / USB console module with audio and de-skew (correction of time differences in video signal)

ADDERLink X100 console module

Computer module for the AdderLink X100 Extender series. Available in PS/2, PS/2 with audio and PS/2 with audio and skew functionality. Extension distance/resolution: 1600 x 1200 to 100 meters, 1900 x 1440 to 50 meters.

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1900 x 1440
Power supply	: External power adapter
Included	: Power adapter

Type no.	Manufacturer no.	Description
AD1022	X100/R-EURO	AdderLink X100 VGA / PS/2 console module
AD1023	X100A/R-IEC	AdderLink X100 VGA / PS/2 console module with audio
AD1024	X100AS/R-IEC	AdderLink X100 VGA / PS/2 console module with audio and de-skew

AdderLink CATX computer module

This CATx system module is used to connect systems to a CATx KVM switch or to an AdderLink X console module.

Technical specifications

Extension cable	: CATx
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Power supply	: Bus powered

Type no.	Manufacturer no.	Description
AD1702	CATX-USB	AdderLink CATX VGA / USB system module
AD1700	CATX-PS2	AdderLink CATX VGA / PS/2 system module
AD1703	CATX-USBA	AdderLink CATX VGA / USB system module with audio
AD1704	CATX-USB-DA	AdderLink CATX Dual access VGA / USB system module
AD1705	CATX-USBA-DA	AdderLink CATX Dual access VGA / USB system module with audio
AD2001	CATX-DP-USBA	AdderLink CATX DisplayPort / USB system module with audio
AD2002	CATX-MDP-USBA	AdderLink CATX mini DisplayPort / USB system module with audio

Matrix switches

Adder

ADDERLink INFINITY 1002 receiver

The ADDERLink Infinity module to create a workstation in an Infinity set-up. ADDERLink Infinity is a solid and continuously improving solution to provide KVM management over IP. Ranging from a "simple" point to point extension configuration for video, keyboard and mouse to a fully functional and configurable KVM matrix.Switching digital audio, USB for mouse, keyboard, other USB devices and a serial connection. High resolution video switching with near-zero delay while maintaining secure connections with high resolution spatially loss-less video at stable FPS.
The ADDERLink 1002 range features a Gigabit SFP slot next to the usual copper Gigabit network interface. Either one can be used or they can be teamed to double the bandwidth or link redundancy. The SFP slot also offer flexibility in interface choice, SFP modules are not included.

- Variety of network interface choices
- Network interface teaming and redundancy
- IP network flexibility, modular design and many configuration options
- Fast switching, secure, stable, high resolution video
- Create a fully functional KVM matrix over IP when combined with the ADDERLink A.I.M

Technical specifications

Max. resolution @ 60Hz	: 1920 x 1200
Connections (console)	: 1x 9-pin D-sub male, 1x DVI-D female, 2x 3,5mm jack female, 4x USB A female
Network interface	: 1x Gigabit RJ45, 1x Gigabit SFP slot Mb/s
Power supply	: External power supply

Type no.	Manufacturer no.	Description
AD2015	ALIF1002R-IEC	ADDERLink INFINITY 1002 receiver

ADDERLink INFINITY 1002 transmitter

Connect computers to an ADDERLink Infinity set-up with this computer module. ADDERLink Infinity is a solid and continuously improving solution to provide KVM management over IP. Ranging from a "simple" point to point extension configuration for video, keyboard and mouse to a fully functional and configurable KVM matrix.Switching digital audio, USB for mouse, keyboard, other USB devices and a serial connection. High resolution video switching with near-zero delay while maintaining secure connections with high resolution spatially loss-less video at stable FPS.
The ADDERLink 1002 range features a Gigabit SFP slot next to the usual copper Gigabit network interface. Either one can be used or they can be teamed to double the bandwidth or link redundancy. The SFP slot also offer flexibility in interface choice, SFP modules are not included.

- Variety of network interface choices
- Network interface teaming and redundancy
- IP network flexibility, modular design and many configuration options
- Fast switching, secure, stable, high resolution video
- Create a fully functional KVM matrix over IP when combined with the ADDERLink A.I.M

Technical specifications

Max. resolution @ 60Hz	: 1920 x 1200
Connections (computer)	: 1x 9-pin D-sub male, 1x DVI-D female, 1x USB B female, 2x 3,5mm jack female
Network interface	: 1x Gigabit RJ45, 1x Gigabit SFP slot Mb/s
Power supply	: External power supply

Type no.	Manufacturer no.	Description
AD2014	ALIF1002T-IEC	ADDERLink INFINITY 1002 transmitter

ADDERLink INFINITY dual VNC

KVM server than can be controlled remotely via IP with a VNC viewer and/or simultaneously with a ADDERLink Infinity receiver. Can be used point to point or in combination with the AIM manager (AD8059). Can be expanded to a KVM matrix of unlimited size.

- Remote monitoring
- View one 2560 x 1600 session or 2 at 1920 x 1200
- Supports 16 users simultaneously
- Compatible with ADDERlink Infinity Matrix

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 2560 x 1600
Control method	: API, On Screen Display (OSD)
IP console	: Yes
Power supply	: External power supply
Included	: Power adapter, cables

Type no.	Manufacturer no.	Description
AD8024	ALIF2112T-IEC	ADDERLink INFINITY dual VNC

ADDERlink INFINITY dual 2020 transmitter

Extends (dual head) single link DVI-D and USB 2.0 signal with one UTP or fiber cable.

- Extends a DVI-D and USB signal via UTP or fiber cable
- Extends to 100 meter via UTP, up to 10 kilometre via fiber
- Point to point or i.cm. wit AOM manager
- Expandable as KVM matrix to unlimited size

Technical specifications

Extension cable	: CATx (x1), Fiber single mode (x1)
Extension connector	: LC, RJ45
Extension protocol	: IP, Own
Max. resolution @ 60Hz	: 1920 x 1200
Other signals	: Analog audio, RS-232
Power supply	: External power supply
Included	: Power adapter

Type no.	Manufacturer no.	Description
AD2028	ALIF2020T-IEC	ADDERlink INFINITY dual 2020 transmitter

ADDERlink INFINITY dual 2020 receiver

Receives (dual head) single link DVI-D and USB 2.0 signal with one UTP or fiber cable.

- Receives a DVI-D and USB signal via UTP or fiber cable
- Receives to 100 meter via UTP, up to 10 kilometre via fiber
- Point to point or i.cm. with AOM manager
- Expandable as KVM matrix to unlimited size

Technical specifications

Extension cable	: CATx (x1), Fiber multi mode (x1), Fiber single mode (x1)
Extension connector	: LC, RJ45
Extension protocol	: IP, Own
Max. resolution @ 60Hz	: 1920 x 1200
Other signals	: Analog audio, RS-232
Power supply	: External power supply
Included	: Power adapter

Type no.	Manufacturer no.	Description
AD2029	ALIF2020R-IEC	ADDERlink INFINITY dual 2020 receiver

ADDERlink INFINITY dual transmitter

Create a fully functional KVM matrix or extend a single KVM connection over IP with ADDERLink Infinity.The Adderlink Infinity already is a very innovative product. It offers a wide range of solutions with its IP connectivity and other functionalities. The Adderlink Infinity Dual goes a step further by adding dual-head support with a second DVI connection and fiber optic connectivity with an SFP slot. With fiber optic cabling it is possible to cross longer distances when the Adderlink Infinity Dual modules are connected with each other. Next to that, the integration into an existing network is easier when fiber optic cabling is being used.With Dual-head DVI support the ADDERLink Infinty Dual supports a higher video bandwidth. Allow for a dual-link resolution up to 2560x1600 when using a single DVI connection!

- For extending a KVM connection over IP or use as a KVM matrix
- SFP lock for fiber cable connections
- Transmitter unit

Technical specifications

Max. resolution @ 60Hz	: 2560 x 1600
Power supply	: External power supply
Included	: Power adapter

Type no.	Manufacturer no.	Description
AD8050	ALIF2002T-IEC	ADDERlink INFINITY dual transmitter

ADDERlink INFINITY dual receiver

Create a fully functional KVM matrix or extend a single KVM connection over IP with ADDERLink Infinity.The Adderlink Infinity already is a very innovative product. It offers a wide range of solutions with its IP connectivity and other functionalities. The Adderlink Infinity Dual goes a step further by adding dual-head support with a second DVI connection and fiber optic connectivity with an SFP slot. With fiber optic cabling it is possible to cross longer distances when the Adderlink Infinity Dual modules are connected with each other. Next to that, the integration into an existing network is easier when fiber optic cabling is being used.With Dual-head DVI support the ADDERLink Infinty Dual supports a higher video bandwidth. Allow for a dual-link resolution up to 2560x1600 when using a single DVI connection!

- Create a fully functionable KVM matrix via IP
- SFP lock for fiber connection options

Technical specifications

Max. resolution @ 60Hz	: 2560 x 1600
Power supply	: External power supply
Included	: Power adapter

Type no.	Manufacturer no.	Description
AD8037	ALIF2000R-IEC	ADDERlink INFINITY dual receiver

ADDERLink INFINITY 4000 transmitter

The ADDERLink INFINITY 4000 Series (ALIF4000) is the world's first dual-head, high performance 4K IP KVM extender over a single fiber. The ALIF4000 delivers pixel-perfect, color accurate picture quality at 4K@ 60Hz with USB 2.0 fast switching. Fully compatible with the existing INFINITY range and supported by the trusted ADDERLink INFINITY Manager (AIM), the ALIF4000 can be used as a point-to-point extender or easily integrated into a wider matrix system; enabling KVM users to migrate to 4K without the need to rip and replace. This unit is the transmitter unit.

- Dual-head 4K DisplayPort, audio and USB extender over a fiber connection
- Point-to-point extender or can be used in a matrix
- Unlimited extension distances over fiber
- Bi-directional analog audio
- Backwards compatible with existing ADDERLink INFINITY
- Plug and play

Technical specifications

Max. extension distance	: Unlimited
Extension protocol	: IP
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: External power supply
Included	: DisplayPort cable, USB A to B cable, Audio cable, Power adapter

Type no.	Manufacturer no.	Description
AD2110	ALIF4021T	ADDERLink INFINITY 4000 transmitter

ADDERLink INFINITY 4000 receiver

The ADDERLink INFINITY 4000 Series (ALIF4000) is the world's first dual-head, high performance 4K IP KVM extender over a single fiber. The ALIF4000 delivers pixel-perfect, color accurate picture quality at 4K@ 60Hz with USB 2.0 fast switching. Fully compatible with the existing INFINITY range and supported by the trusted ADDERLink INFINITY Manager (AIM), the ALIF4000 can be used as a point-to-point extender or easily integrated into a wider matrix system; enabling KVM users to migrate to 4K without the need to rip and replace. This unit is the receiver unit.

- Dual-head 4K DisplayPort, audio and USB extender over a fiber connection
- Point-to-point extender or can be used in a matrix
- Unlimited extension distances over fiber
- Bi-directional analog audio
- Backwards compatible with existing ADDERLink INFINITY
- Plug and play

Technical specifications

Max. extension distance	: Unlimited
Extension protocol	: IP
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Power supply	: External power supply
Included	: DisplayPort cable, USB A to B cable, Audio cable, power adapter

Type no.	Manufacturer no.	Description
AD2111	ALIF4021R	ADDERLink INFINITY 4000 receiver

ADDERLink INFINITY AIM manager

The Infinity Manager is a control suite that enables you to transform ADDERlink Infinity extenders into a matrix solution. It enables you a.o. to use co-operatively sharing of computers and sending a video signal to a destination within a network.

- Multple AIM managers can be combined for backup purposes
- Additional license models available from x to unlimited endpoints

Technical specifications

Control method	: API, Web based
Network security	: SNMP v3
Power supply	: External power supply
Included	: Power adapter, rubber feet

Type no.	Manufacturer no.	Description
AD8059	AIM-24-IEC	ADDERLink INFINITY AIM manager

VGA to DVI-D converter

Required to transform VGA signals to DVI-D for compatibility with ADDERLink Infinity transmitters. USB powered, flash upgradable.

- Auto calibration
- EDID management
- Including software
- No audio support

Technical specifications

Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Control method	: App, Software
Included	: VGA cable male male, USB A to B cable

AD2027

Connections (in)	: VGA HD D-sub 15-pin female (x1)
Connections (out)	: DVI-D dual-link female (x1)
Video signal	: DVI, VGA
Signal (in)	: VGA
Signal (out)	: DVI
Video support	: EDID
DVI specification	: DVI-D Dual Link

Type no.	Manufacturer no.	Description
AD2027	DVA	VGA to video converter

ADDERView DDX30 matrix switch

The DDX30 enables you to access multiple computers within a server space. Besides 7 fixed ports, there are 23 flexible ports that can be configured as computer inputs or user inputs. For this product shielded UTP cables are required.

- Live display and selection of CPU's
- Lossless HD video support
- Flexible number of users by using CPU ports
- Multi-head video support
- Touch screen compatibility for use with a wide range of devices
- Console reconnects to the same source after a power cycle to minimize downtime

Technical specifications

Max. extension distance (computer)	: 10 m
Max. extension distance (console)	: 50 m
Extension cable	: CATx (x1)
Extension connector	: RJ45
Max. resolution @ 60Hz	: 1920 x 1200
Control method	: API, Hot-key, Mouse, On Screen Display (OSD), Web browser interface
Network interface	: 10/100/1000 Mbps
Power supply	: External power adapter
Included	: Single power supply and 19" mounting kit

AD2017

Connections (computer)	: RJ45 female (x23)
Connections (console)	: RJ45 female (x7)
Video signal	: DVI
Video support	: EDID
Other signals	: RS-232, USB 2.0 - HighSpeed (Enhanced)

Type no.	Manufacturer no.	Description
AD2017	DDX30-IEC	ADDERview DDX30 matrix switch

ADDERView DDX10 matrix switch

Flexible KVM matrix with 10 ports. Switches DVI/DisplayPort/VGA, USB and audio signals.The ports can be configured als maximum 9 computer connections and minimum 1 console (user). Or a maximum of 9 console ports and a minimum of 1 computer (server).

- 10 configurable user/computer ports
- Multi-view on screen thumbnail for computer selection
- Lossless HD video support
- Flexible choice of connection modes
- Fast switching speed
- Optional available: DVI, DisplayPort and VGA access modules (AD2020, AD2019 and AD2040)
- Optional available: redundant power (AD8078)
- Use of STP/SFTP cables required!
- Touch screen compatibility for use with a wide range of devices
- Console reconnects to the same source after a power cycle to minimize downtime

Technical specifications

Max. extension distance (computer)	: 10 m
Max. extension distance (console)	: 50 m
Extension cable	: CATx (x1)
Extension connector	: RJ45
Max. resolution @ 60Hz	: 1920 x 1200
Control method	: Serial, Web browser interface
Power supply	: External power adapter
Included	: Power adapter, rack mount kit, required kvm cables

AD2034

Connections (computer)	: RJ45 female (x10)
Connections (console)	: D-sub 9-pin female (x1), RJ45 female (x1)
Video support	: EDID, HDCP
Other signals	: RS-232, USB 1.1 - FullSpeed (Universal)

Type no.	Manufacturer no.	Description
AD2034	DDX10-IEC	ADDERview DDX10 matrix switch

ADDERView DDX console module

Receiver unit that can be used in combination with DDX30 and DDX10.

- Lossless HD video in real-time
- USB 2.0 for keyboard, mouse and touchscreen
- Bi-directional CD audio quality
- Required are STP cables

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: Own
Max. resolution @ 60Hz	: 1920 x 1200
Power supply	: External power supply
Included	: Power adapter

AD2018

Connections (console)	: 3,5 mm jack female (x1), DVI-D single-link female (x1), RJ12 female (x1), RJ45 female (x1), USB A female (x4)
Max. extension distance	: 50 m
Video signal	: DVI
Video support	: EDID, HDCP
DVI specification	: DVI-D Single Link
Other signals	: Analog audio, USB 1.1 - FullSpeed (Universal)

Type no.	Manufacturer no.	Description
AD2018	DDX-USR-IEC	AdderView DDX console module DVI I USB and audio

ADDERView DDX computer module

Can be used in combination with the DDX30 and DDX10.

Type no.	Manufacturer no.	Description
AD2019	DDX-CAM-DP	AdderView DDX computer access module DisplayPort I USB
AD2020	DDX-CAM-DVI	AdderView DDX console module DVI I USB
AD2040	DDX-CAM-VGA	Adderview DDX computer access module VGA I USB

ADDERlink INFINITY 100T VGA

The ADDERLink INFINITY (ALIF100T) is an IP-based KVM (Keyboard, Video, Mouse) transmitter in a compact format. Available are the DVI (AD2094), DisplayPort (AD2095) and VGA (AD2108) versions. The transmitter can be directly connected to the USB port of every computer and needs no space in a 19 inch rack. The transmitter only uses less than 3 Watt and develops less heat so that less cooling is required. The ADDERLink INFINITY100T can be powered via USB, so there is no need for PDU's (power distribution units).

- IP based KVM extender for video, audio and USB signal
- USB powered
- Compact design
- Redundant power option via AD1118

Technical specifications

Connections (in)	: RJ45 female (x1)
Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: IP
4K compatible	: Yes
Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Video signal	: VGA
Video support	: EDID
Other signals	: USB 2.0 - HighSpeed (Enhanced)
Power supply	: USB powered
Included	: Mount material

Type no.	Manufacturer no.	Description
AD2108	ALIF100T-VGA	ADDERlink INFINITY 100T VGA

ADDERlink INFINITY 100T DVI

The ADDERLink INFINITY (ALIF100T) is an IP-based KVM (Keyboard, Video, Mouse) transmitter in a compact format. Available are the DVI (AD2094), DisplayPort (AD2095) and VGA (AD2108) versions. The transmitter can be directly connected to the USB port of every computer and needs no space in a 19 inch rack. The transmitter only uses less than 3 Watt and develops less heat so that less cooling is required. The ADDERLink INFINITY100T can be powered via USB, so there is no need for PDU's (power distribution units).

- IP based KVM extender for video, audio and USB signal
- Compact design
- USB powered
- Redundant power option via AD1118

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: IP
Max. resolution @ 60Hz	: 1920 x 1200
Power supply	: Bus powered
Included	: Mount material

AD2095

Connections (in)	: RJ45 female (x1)
Max. extension distance	: 100 m
Video signal	: DVI
Video support	: EDID
DVI specification	: DVI-D Single Link

Type no.	Manufacturer no.	Description
AD2095	ALIF100T-DVI	ADDERlink INFINITY 100T DVI

ADDERlink INFINITY 100T DP

The ADDERLink INFINITY 100T (ALIF100T) is an IP-based KVM (Keyboard, Video, Mouse) trransmitter in a compact format. Available are 3 versions: DVI (AD2094), DisplayPort (AD2095) and VGA (AD2108). The transmitter can be directly connected to the USB port of every computer and needs no space in a 19 inch rack.The transmitter only uses less than 3 Watt and develops less heat. Can be fed via USB.

- IP based KVM unit for extension of video, audio and USB
- Compact design
- USB powered
- Redundant power option via AD1118

Technical specifications

Extension cable	: CATx (x1)
Extension connector	: RJ45
Extension protocol	: IP
Max. resolution @ 60Hz	: 1920 x 1200
Other signals	: USB 2.0 - HighSpeed (Enhanced)
Power supply	: USB powered
Included	: Mount material

AD2094

Connections (in)	: RJ45 female (x1)
Max. extension distance	: 100 m
Video signal	: DisplayPort
Video support	: EDID
DisplayPort specification	: Not specified by manufacturer

Type no.	Manufacturer no.	Description
AD2094	ALIF100T-DP	ADDERlink INFINITY 100T DP

Conversion

Converting various types of video signals

The conversion of an incoming video signal to a different type of outgoing video signal is called converting. Using a converter you can display images from a PC on your screen (if this is not possible with standard connections on your computer). One example of converting is an analog to a digital signal. Or converting a DVI signal to an HDMI signal. Or if you want to display a VGA signal to a monitor with a HDMI socket, a converter is the ideal solution.

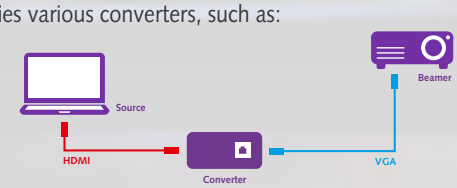
Applications
Conversion is the ideal solution:
- When showing medical information on a screen in a doctor's office
- When giving presentations in conference rooms
- When giving lectures

Also in the broadcast world converters are frequently used.

Brands
tvONE
tvONE specializes in video processing and is an expert in the field of Audio/Video signal distribution and conversion. tvONE focuses on the professional users of video applications:
- VGA to DVI and DVI to VGA converter
- VGA to HDMI and HDMI to VGA converter
- SDI to HDMI converter

Castwin
Castwin focuses on developing high quality audio/video converters, with a solid housing. Some examples are:
- HDMI to 3G/HD/SD-SDI converter
- 3G/HD/SD-SDI converter to HDMI
- SDI/Component to composite converter

AVLINK
AVLINK, focuses on the audio and video signal distribution and extension market for professional use. AVLINK supplies various converters, such as:
- 3G/SDI to HDMI converter
- HDMI to 3G/SDI converter



Audio/video

Scalers

tvONE

HDMI 1.3 scaler

- Supports audio embedding and de-embedding

Technical specifications

Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Scaler type	: Cross scaler
Control method	: Button, On Screen Display (OSD), Remote control (IR), Serial, Web browser interface
Power supply	: External power supply
Included	: Power control, remote control, mount kit, IR extender, VGA to YUV adapter

TN2072

Connections (in)	: HDMI A (full-size) female (x3), RCA female (x2), VGA HD D-sub 15-pin female (x3)
Connections (out)	: HDMI A (full-size) female (x2), VGA HD D-sub 15-pin female (x1)
Video signal	: Component, HDMI, S-video, VGA
Signal (in)	: Analog audio, Component, Composite, HDMI, VGA
Signal (out)	: Analog audio, Component, Digital audio, HDMI
Video support	: HDCP
Component specification	: Component (analog)
HDMI specification	: HDMI 1.3

Type no.	Manufacturer no.	Description
TN2072	1T-VS-668	HDMI 1.3 scaler

HDMI 1.2 scaler

- Supports embedded and external audio in and out.
- Up to 150 ms audio delay option

Technical specifications

Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Scaler type	: Cross scaler
Control method	: On Screen Display (OSD)
Power supply	: External power supply
Included	: Power adapter

TN1000

Connections (in)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x1), Toslink female (x1)
Connections (out)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x1), Toslink female (x1)
Video signal	: HDMI
Signal (in)	: Analog audio, Digital audio, HDMI
Signal (out)	: Analog audio, Digital audio, HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.2

Type no.	Manufacturer no.	Description
TN1000	1T-VS-626	HDMI 1.2 scaler

Audio/video to HDMI scaler

- Including audio embedding

Technical specifications

Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Scaler type	: Up scaler
Control method	: On Screen Display (OSD)
Power supply	: External power supply
Included	: Power adapter

TN1004

Connections (in)	: RCA female (x3), S-video 4-pin female (x1), Toslink female (x1)
Connections (out)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x1), Toslink female (x1)
Video signal	: Composite, S-video
Signal (in)	: Analog audio, Composite, Digital audio, S-video
Signal (out)	: Analog audio, Digital audio, HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.2

Type no.	Manufacturer no.	Description
TN1004	1T-VS-622	Audio/video to HDMI scaler

Dual DVI scaler

- Optional single/dual rackmount kit RM-230
- PIP functionality
- Including audio embedding
- Seamless switching

Technical specifications

Max. resolution @ 60Hz	: 1920 x 1200
Loop-through	: Yes
Scaler type	: Cross scaler
Control method	: On Screen Display (OSD), Serial, Software
Power supply	: External power supply
Included	: Power adapter

TN1002

Connections (in)	: D-sub 9-pin female (x1), DVI 18+5-pin female (x2)
Connections (out)	: DVI 18+5-pin female (x1)
Video signal	: DVI
Signal (in)	: DVI
Signal (out)	: DVI
Video support	: EDID, HDCP
DVI specification	: DVI-I single link

Type no.	Manufacturer no.	Description
TN1002	1T-C2-750	Dual DVI scaler

Signal converters

tvONE

HDMI to SDI converter

- Suitable for audio embedding
- Double SDI output

Technical specifications

Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Control method	: Push button
Power supply	: External power supply
Included	: Power adapter

TN8075

Connections (in)	: HDMI A (full-size) female (x1), RCA female (x2)
Connections (out)	: BNC female (x2)
Video signal	: HDMI, SDI
Signal (in)	: Analog audio, HDMI
Signal (out)	: SDI
Video support	: EDID
HDMI specification	: HDMI 1.3
SDI specification	: 3G-SDI

Type no.	Manufacturer no.	Description
TN8075	1T-FC-766	HDMI to SDI converter

HDMI to video down converter

Technical specifications

Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Control method	: On Screen Display (OSD)
Power supply	: External power supply
Included	: Power adapter

TN8048

Connections (in)	: BNC female (x1), HDMI A (full-size) female (x1)
Connections (out)	: BNC female (x1), HDMI A (full-size) female (x1), RCA female (x5), S-video 4-pin female (x1)
Video signal	: Composite, HDMI, S-video
Signal (in)	: Digital audio, HDMI
Signal (out)	: Composite, S-Video
Video support	: EDID
HDMI specification	: HDMI 1.3

Type no.	Manufacturer no.	Description
TN8048	VS-226	HDMI to video down converter

SDI to HDMI converter

- Suitable for audio embedding
- 2x SDI loopthrough

Technical specifications

Max. resolution @ 60Hz	: 1080p
Control method	: On Screen Display (OSD), Push button
Power supply	: External power supply
Included	: Power adapter

TN1012

Connections (in)	: BNC female (x1)
Connections (out)	: BNC female (x2), HDMI A (full-size) female (x1), RCA female (x2)
Video signal	: HDMI, SDI
Signal (in)	: SDI
Signal (out)	: Analog audio, HDMI
Video support	: EDID
HDMI specification	: HDMI 1.3
SDI specification	: 3G-SDI

Type no.	Manufacturer no.	Description
TN1012	1T-FC-677	SDI to HDMI converter

VGA to HDMI converter

- Including audio embedding
- Up and cross converter
- Optional available RM-220 rackmount

Technical specifications

Max. resolution @ 60Hz	: 1080p
Loop-through	: Yes
Control method	: Button, Remote control (IR), Serial
Power supply	: External power supply
Included	: External power adapter

AB1008

Connections (in)	: 3,5 mm jack female (x2), HDMI A (full-size) female (x1), RCA female (x4), S-video 4-pin female (x1), VGA HD D-sub 15-pin female (x1)
Connections (out)	: HDMI A (full-size) female (x1), RCA female (x1)
Video signal	: HDMI, VGA
Signal (in)	: VGA
Signal (out)	: HDMI
Video support	: EDID
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
AB1008	1T-VS-658	VGA to HDMI converter

DVI-I to HD-SDI format converter

- Optional available rackmount RM-230

Technical specifications

Max. resolution @ 60Hz	: 1080i
Loop-through	: Yes
Control method	: On Screen Display (OSD), Push buttons, RS-232
Power supply	: External power supply
Included	: Power adapter

TN8004

Connections (in)	: BNC female (x3), D-sub 9-pin female (x1), DVI 24+5-pin female (x1)
Connections (out)	: BNC female (x1)
Video signal	: DVI
Signal (in)	: Component, DVI
Signal (out)	: SDI
Video support	: HDCP
Component specification	: Component (analog)
SDI specification	: HD-SDI
DVI specification	: DVI-I Dual Link

Type no.	Manufacturer no.	Description
TN8004	1T-C2-520	DVI-I to HD-SDI converter

Analog to DVI-D converter

Technical specifications

Max. resolution @ 60Hz	: 1080p
Control method	: On Screen Display (OSD)
Power supply	: External power supply
Included	: Power adapter

TN8020

Connections (in)	: VGA HD D-sub 15-pin female (x1)
Connections (out)	: DVI 24+5-pin female (x1)
Video signal	: DVI, VGA
Signal (in)	: VGA
Signal (out)	: DVI
Video support	: EDID
DVI specification	: DVI-I Single Link

TN8021

Connections (in)	: DVI 24+5-pin female (x1)
Connections (out)	: VGA HD D-sub 15-pin female (x1)
Video signal	: DVI, VGA
Signal (in)	: DVI
Signal (out)	: VGA
Video support	: EDID
DVI specification	: DVI-I Single Link

Type no.	Manufacturer no.	Description
TN8020	1T-FC-524	VGA to DVI converter
TN8021	1T-FC-425	DVI to VGA converter

Analog PC/HD to PC/HD converter

- Optional remote control and RM-230 rackmount kit

Technical specifications

Max. resolution @ 60Hz	: 2048 x 2048
Loop-through	: Yes
Control method	: Button, Remote control (IR), Serial
Power supply	: External power supply
Included	: Power adapter

TN8002

Connections (in)	: D-sub 9-pin female (x1), VGA HD D-sub 15-pin female (x1)
Connections (out)	: VGA HD D-sub 15-pin female (x1)
Video signal	: VGA
Signal (in)	: VGA
Signal (out)	: VGA
Video support	: HDCP

Type no.	Manufacturer no.	Description
TN8002	1T-C2-400	PC/HD cross PC/HD converter

Multiviewers

CORIOview multi-window processor 4 x 1080p HDMI with streaming

The CORIOview is a very fast, multi-window processor up to 8 sources. The product contains 16 buttons for preset recall or source selection. 6 available pres-configured sets. This model contains 4 x HDMI 1080p ports and 2 x streaming media playback.

- Multi-window processor up to 4 sources plus IP
- Front panel control for preset layouts and switching
- Sources can be labelled
- Format conversion
- Audio embedding/de-embedding
- Ultra quiet operation

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: External power adapter

TN2128

Connections (in)	: HDMI A (full-size) female (x4), USB A female (x1)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
TN2128	MWP-4Hi-1Y	CORIOview multi-window processor 4 x 1080p HDMI with streaming

CORIOview multi-window processor 4 x DVI-U

The CORIOview is a very fast, multi-window processor up to 8 sources. The product contains 16 buttons for preset recall or source selection. 6 available pres-configured sets. This model contains 4 x DVI-U ports.

- Multi-window processor up to 4 sources
- Front panel control for preset layouts and switching
- Sources can be labelled
- Format conversion
- Audio embedding/de-embedding
- Ultra quiet operation

tvONE

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: Power adapter

TN2126

Connections (in)	: DVI 24+5-pin female (x4)
Video signal	: DVI, HDMI
Video support	: HDCP
DVI specification	: DVI-I Single Link

Type no.	Manufacturer no.	Description
TN2126	MWP-4D-1Y	CORIOview multi-window processor 4 x DVI-U

CORIOview multi-window processor 8 x 3G-SDI

The CORIOview is a very fast, multi-window processor up to 8 sources. The product contains 16 buttons for preset recall or source selection. 6 available pres-configured sets. This model contains 8 x 3G-SDI ports.

- Multi-window processor up to 8 sources
- Front panel control for preset layouts and switching
- Sources can be labelled
- Format conversion
- Audio embedding/de-embedding
- Ultra quiet operation

tvONE

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1), RCA female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: Power adapter

TN2130

Connections (in)	: BNC female (x8)
Video signal	: SDI
Video support	: HDCP
SDI specification	: 3G-SDI, HD-SDI

Type no.	Manufacturer no.	Description
TN2130	MWP-8GS-1Y	CORIOview multi-window processor 8 x 3G-SDI

CORIOview multi-window processor 4 x 1080p HDMI

The CORIOview is a very fast, multi-window processor up to 8 sources. The product contains 16 buttons for preset recall or source selection. 6 available pres-configured sets. This model contains 4 x HDMI 1080p ports.

- Multi-window processor up to 4 sources
- Front panel control for preset layouts and switching
- Sources can be labelled
- Format conversion
- Audio embedding/de-embedding
- Ultra quiet operation

tvONE

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1), RCA female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: RS-232
Control method	: Button, Software
Power supply	: External power supply
Included	: Power supply

TN2127

Connections (in)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
TN2127	MWP-4H-1Y	CORIOview multi-window processor 4 x 1080p HDMI

CORIOview multi-window processor 8 x 1080p HDMI

The CORIOview is a very fast, multi-window processor up to 8 sources. The product contains 16 buttons for preset recall or source selection. 6 available pres-configured sets. This model contains 8 x HDMI 1080p ports.

- Multi-window processor up to 8 sources
- Front panel control for preset layouts and switching
- Sources can be labelled
- Format conversion
- Audio embedding/de-embedding
- Ultra quiet operation

tvONE

Technical specifications

Connections (out)	: HDMI A (full-size) female (x8), RCA female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: Power adapter

TN2131

Connections (in)	: HDMI A (full-size) female (x8)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 1.4

Type no.	Manufacturer no.	Description
TN2131	MWP-8H-1Y	CORIOview multi-window processor 8 x 1080p HDMI

CORIOview multi-window processor 4 x 4K UHD HDMI

The CORIOview is a very fast, multi-window processor up to 8 sources. The product contains 16 buttons for preset recall or source selection. 6 available pres-configured sets. This model contains 4 x UHD 4K ports.

- Multi-window processor up to 4 sources
- Front panel control for preset layouts and switching
- Sources can be labelled
- Format conversion
- Audio embedding/de-embedding
- Ultra quiet operation

tvONE

Technical specifications

Connections (out)	: HDMI A (full-size) female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio, RS-232
Control method	: Button, Serial, Software
Power supply	: External power supply
Included	: External power adapter

TN2129

Connections (in)	: HDMI A (full-size) female (x4)
Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
TN2129	MWP-4Y-1Y	CORIOview multi-window processor 4 x 4K UHD HDMI

KVM

Signal converters

Adder

Adder USB / PS/2 converter

Use a USB mouse and keyboard on systems with PS/2 connections. The KMU2P emulates the connection of a PS/2 mouse and keyboard meaning no delay response when switching.

ADDER

Type no.	Manufacturer no.	Description
AD9061	KMU2P	USB to PS/2 converter

exterity®

Leading provider of IPTV Solutions

Exterity is firmly established as the global leader in enterprise IP video technology, and is the only vendor to deliver truly end-to-end IPTV and Digital Signage solutions that help organizations to harness the power of video to communicate, educate and entertain.

Exterity systems are deployed globally by some of the most recognized brands in the world (such as Endemol, RTL Nederland, care center st.Barbara, Omroep Gelderland and Philips Stadion) enabling the distribution of broadcast quality digital TV and video over IP networks to an unlimited number of end points.

Create the ultimate guest experience
with Exterity Artio Guest

With ArtioGuest you create various interfaces for access to TV, video on demand, information services, services and more.

With ArtioGuest it is also possible to give hotel guests access to video content up to 7 days after the (live) TV broadcast. You can also change the welcome message for each hotel room, whatever you want makes hotel guests feel even more welcome.

Moreover, it is now possible to create templates and send messages to a device or group of devices, so that the communication between hotel staff and hotel guests runs smoothly.

For more information or a live demo, please contact our Audio Video department.

Create

ArtioGuest enables the creation of visually-rich, fully customisable and interactive portals to enhance the guest experience.

Tailored interface

Reinforce your hotel image by fully tailoring the interface to your brand. Even the smallest details such as icon animation can be effortlessly customised to reflect your hotel's distinctive identity. If you need assistance designing your perfect interface, do not hesitate to get in touch as we would love to help you.

Channels

Easily choose channels and swiftly personalise the layout. Provide live local and international TV channels to entertain and inform guests from around the world.

Video on Demand

Keep your guests entertained by giving them access to a rich variety of movies and TV shows on demand. Access can be controlled (e.g. kids can only see safe content) and copyrighted material is supported

Language

Ensure your international guests have an enjoyable stay by tailoring the interface to them

TV Guide (EPG)

Customisable interface with channel preview, letting guests access video content up to 7 days after it's been broadcasted

exterity®

Clock

Add date and time with multiple formatting options

Info

Let your guests know what services are on offer and provide them with an even better experience while promoting your services and driving additional revenue

PMS Integration

Movie purchase, room service or spa treatment booking are made easy thanks to our seamless PMS integration, which also enables guests to check their bill at any time

Screen sharing

Enable guests to display image and video content from their device directly on the in-room TV

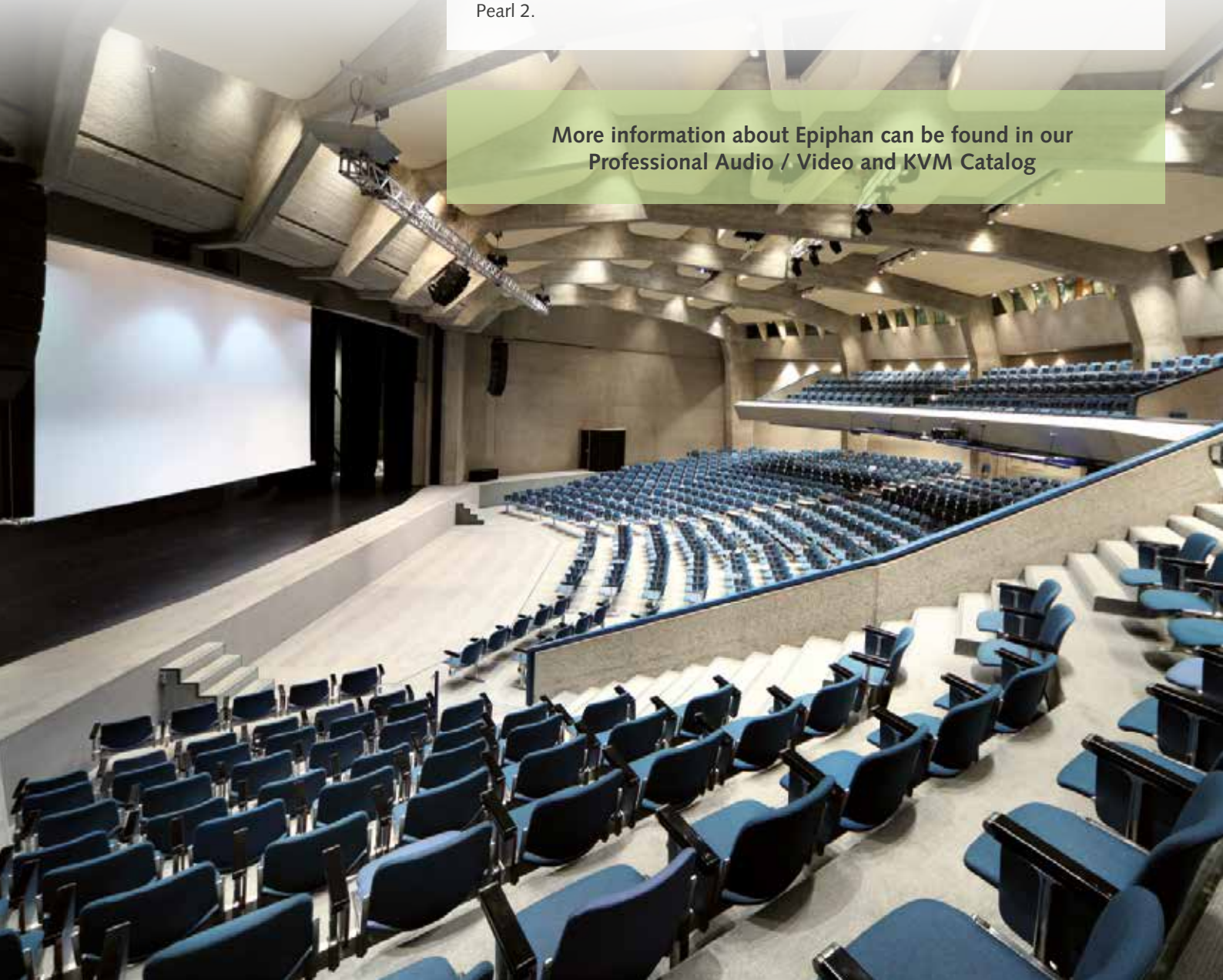
epiphan video

capture • stream • record

High quality video capture products

Epiphan Video produce audio visual solutions to capture, scale, mix, encode, stream, record and play high resolution video including 4K UHD. Epiphan's customers include companies that specialize in live event production, education, healthcare, worship, manufacturing, usability, collaboration, security and transportation.
The products range from frame grabbers to advanced high-end systems such as the Pearl 2.

More information about Epiphan can be found in our Professional Audio / Video and KVM Catalog



Framegrabbers

Epiphan

AV.io 4K HDMI frame grabber

- Compatible with Skype, Wirecast and VLC
- Plug & play (no softwaree or drivers needed)
- Extra ventilation vents for cooling

Technical specifications

Connections (out)	: USB B female (x1)
4K compatible	: Yes
Max. resolution @ 30Hz	: 2160p
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: Software
Power supply	: Bus powered
Included	: HDMI cable, USB 3.0 cable

EH2015

Connections (in)	: HDMI A (full-size) female (x1)
Video signal	: HDMI
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2015	ESP 1360	AV.io 4K HDMI frame grabber

AV.io HD frame grabber

- Compatible with Skype, Wirecast and VLC
- Contains improved VGA capture controls including brightness and contrast correction and vertical / horizontal shift correction.

Technical specifications

Connections (out)	: USB B female (x1)
Max. resolution @ 60Hz	: 1920 x 1200
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: Software
Power supply	: Bus powered
Included	: DVI-VGA cable, DVI single-link cable, HDMI-DVI adapter, USB 3.0 cable

EH2005

Connections (in)	: DVI 24+5-pin female (x1)
Video signal	: DVI, HDMI, VGA
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2005	ESP 1138	AV.io HD Frame Grabber

AV.io SDI frame grabber

- Compatible with Sykpe, Wirecast and VLC
- Plug & play (no software or drivers needed)
- Automatically performs video tasks, such as color spacing

Technical specifications

Connections (out)	: USB B female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: Software
Power supply	: Bus powered
Included	: SDI cable, USB cable

EH2012

Connections (in)	: BNC female (x1)
Video signal	: SDI
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2012	ESP0964	AV.io SDI Frame Grabber

SDI2USB 3.0 frame grabber

- Captures both video and audio
- Maximal rate of 60 fps over USB 3.0 depending on color space

Technical specifications

Connections (out)	: BNC female (x1), USB B female (x1)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: API, Software
Power supply	: Bus powered
Included	: SDI cable, USB 3.0 cable

EH2001

Connections (in)	: BNC female (x1)
Video signal	: SDI
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2001	ESP0657	SDI2USB 3.0 frame grabber

DVI2USB 3.0 frame grabber

- Free API and SDK

Technical specifications

Connections (out)	: USB B female (x1)
Max. resolution @ 60Hz	: 1920 x 1200
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: API, Software
Power supply	: Bus powered
Included	: DVI-I cable, VGA-DVI cable, HDMI-DVI adapter, USB cable

EH2007

Connections (in)	: DVI 24+5-pin female (x1)
Video signal	: HDMI
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2007	ESP 1137	DVI2USB 3.0 frame grabber

DVI2PCIe Duo frame grabber

- 60 fps at full HD resolution even when capturing from DVI and SDI channels simutaneously
- Contains BNC and DVI input

Technical specifications

Max. resolution @ 30Hz	: 2048 x 2048
Other signals	: Digital audio
Control method	: API
Power supply	: Bus powered
Included	: DVI, SDI, DVI-VGA cable, HDMI-DVI adapter, LP bracket

EH2004

Connections (in)	: BNC female (x1), DVI 24+5-pin female (x1)
Video signal	: DVI, HDMI, SDI, VGA
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2004	ESP0705	DVI2PCIe DUO

Epiphan Pearl Mini

epiphan video
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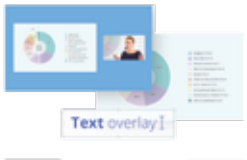
Take your own video production studio wherever you go

More info?
Request an Epiphan Pearl mini brochure from our sales department or download it on our website.

The Pearl Mini is an all-in-one video production system with which up to two HD inputs can be simultaneously recorded, streamed and switched. HDMI, 3G-SDI and DVI-D video sources can be connected. In addition, the Pearl Mini is equipped with two microphone inputs on XLR and one on mini jack. Analogue audio can also be connected at line level via TRS and RCA inputs.

The Pearl Mini simultaneously streams to YouTube, Facebook or any other content delivery network (CDN). At the same time, local streams can also be streamed to web browsers, smart TVs and receivers. Pearl Mini's large touchscreen makes it easy to switch live between the connected sources or the different layouts. Switching is also possible via a mobile phone or tablet via web-based "Epiphan Live".

Works with any camera and video source



Makes your own layout possible

moodle
vimeo
KALTURA
YouTube
LIVE
Akamai

Stream to different channels

Web-based monitoring and management

Epiphan

Pearl 2

The Pearl 2 is a unique video production system that contains switch, encoding, recording and streaming functionality. With the Pearl 2 you are able to easily stream live. You can switch between video sources and the result can be recorded on the built-in 512 GB SSD hard disk. 6 video sources can be captured of full HD of one stream video quality via HDMI and/or 12G SDI. Optional available: EH2017 4K add-on feature.

- Integrates with Kaltura
- Front panel with touch screen
- Can capture 6 sources at the same time
- Upgradable to 4K with EH2017 kit
- Stream to viewers everywhere
- Preview of 2 channels via built-in Displayport outputs
- Pro audio support
- Including hardcase
- Including power cable, ethernet cables, HDMI cables
- 802.1x network security compliance
- Integrates with Kaltura
- NDI support for receiving and sending

Technical specifications

Max. resolution @ 30Hz	: 2160p
Connections (in)	: 2x 12G SDI, 2x HDMI, HDMI A (full-size) female (x4), HDMI A (full-size) female (x4), BNC female (x2), USB A female (x2), XLR female (x2), RCA female (x2)
Connections (out)	: HDMI A (full-size) female (x2), 3.5 mm jack female (x1)
Internal storage	: 512 GB SSD
Codecs	: H.264, MPEG-4 and Motion JPEG
Stream formats	: RTSP, FLV, ASF, MJPEG, MPEG-TS,RTP, MPEG-TS & RTP en MPEG-TS over UDP, HLS
Control method	: API, Serial, Web browser interface
Included	: Power cable, Ethernet cable, HDMI cable, adapter

Type no.	Manufacturer no.	Description
EH2016	ESP 1150	Pearl 2

Pearl 2 rackmount

Rackmount version of the Pearl 2. Suitable for installation in een 19" rack.

- Integrates with Kaltura
- Front panel with touch screen
- Can capture 6 sources at the same time
- Stream to viewers everywhere
- Preview of 2 channels via built-in HDMI outputs
- Pro audio support
- Rackmount version
- Inclusief 1x power cable, 1x Ethernet cable, 1x HDMI cable, 1x SDI cable and 1 DVI to HDMI adapter
- 802.1x network security compliance
- Integrates with Kaltura
- For Pearl Rackmount Twin (EH2029) you must buy licences for each system in the unit (2 pieces)
- NDI support for receiving and sending

Technical specifications

Max. resolution @ 30Hz	: 2160p
Connections (in)	: HDMI A (full-size) female (x4), BNC female (x2), USB A female (x2), XLR female (x2), RCA female (x2)
Connections (out)	: 3.5 mm jack female (x1), HDMI A (full-size) female (x2)
Internal storage	: 512 GB SSD
Codecs	: H.264, MPEG-4 and Motion JPEG
Stream formats	: RTSP, FLV, ASF, MJPEG, MPEG-TS,RTP, MPEG-TS & RTP en MPEG-TS over UDP, HLS
Control method	: API, Serial, Web browser interface
Included	: Power cable, Ethernet cable, HDMI cable, adapter

Type no.	Manufacturer no.	Description
EH2029	ESP1151	Pearl 2 rackmount

Pearl 2 rackmount twin

Pearl 2 rackmount twin version. Two independent Pearl-2 versions for installation in een rack.

- Front panel with touch screen
- Can capture 6 sources at the same time
- Stream to viewers everywhere
- Preview of 2 channels via built-in HDMI outputs
- Pro audio support
- Inclusief 2x voedingskabels, 2x Ethernet kabels, 2x HDMI kabels, 2x SDI kabels en 2 DVI naar HDMI adapters
- 802.1x network security compliance
- Integrates with Kaltura
- NDI support for receiving and sending

Technical specifications

Max. resolution @ 30Hz	: 2160p
Connections (in)	: 2x HDMI A (full-size) female (x4), 2x BNC female (x2), 2x USB A female (x2), 2x XLR female (x2), 2x RCA female(x2)
Connections (out)	: 2x 3.5 mm jack female (x1), 2x HDMI A (full-size) female (x2)
Internal storage	: 512 GB SSD
Codecs	: H.264, MPEG-4 and Motion JPEG
Stream formats	: RTSP, FLV, ASF, MJPEG, MPEG-TS,RTP, MPEG-TS & RTP en MPEG-TS over UDP, HLS
Control method	: API, Serial, Web browser interface
Included	: 2x power cable, 2x Ethernet cable, 2x HDMI cable, 2x adapter

Type no.	Manufacturer no.	Description
EH2024	ESP1152	Pearl 2 rackmount twin

Epiphan Pearl 2

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4K video production system

The Epiphan Pearl 2 is one of the easiest ways to stream, switch and record video live. Up to 6 video sources, from SD to 4K, can be captured simultaneously via HDMI, 12G SDI or from your network. In addition to the many video inputs, the Pearl 2 also has 4 professional line-level audio inputs.
The Pearl 2 has a built-in 512 GB Solid State Disk (SSD) for storing the recordings, which can easily be transferred via USB 3.0 or via the network to a storage medium. The Pearl automatically deletes the oldest files on the SSD when this hard disk becomes full.

The operation of the video production system can be performed by one operator / producer. The configuration of the Pearl 2 is carried out via a web-based portal. Via the built-in touch screen, streaming or recording can be started or stopped and you can switch live between layouts or overlays.

Pay attention! Only 4K encoding and streaming is possible if the Pearl 2 is equipped with the optional 4K add-on.

Pearl Mini

The Epiphan Pearl Mini is the smaller version of the Pearl 2. It is an all-in-one video recording, streaming and switching system. The Pearl Mini supports Full HD video quality and is very suitable for use in smaller events, where for example 2 cameras are being used or at lectures where a camera and laptop are being used. The Pearl Mini is very user-friendly. Including local view option, SD slot, built-in touchscreen and possibility to directly connect a microphone. Note: requires an SD card to store video recordings! Recommended SD card size at least 64GB (class 10) up to a maximum of 512 GB U3 SD card.

- Phantom power possible on audio inputs
- Built-in touchscreen
- Requires an SD card to store video recordings
- Switch video sources live
- Multi-encoding, multi-publishing
- Pro audio support
- Local input port for control purposes
- Possibility to connect a microphone
- Optional accessory: Protection case EH2036
- 802.1x network security compliance
- Integrates with Kaltura

Technical specifications

Codecs	: H.264, Motion JPEG
Recording formats	: AVI, MP4, MOV or MPEG-TS
Connections (out)	: HDMI A (full-size) female (x1)
Max. resolution @ 30Hz	: 1920 x 1200
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: API, On Screen Display (OSD), Web browser interface
Power supply	: External power supply
Included	: Power cable, Ethernet cable, HDMI cable, adapter

EH2030

Connections (in)	: 3,5 mm jack female (x1), BNC female (x1), HDMI A (full-size) female (x2), RCA female (x2), RJ45 female (x1), USB A female (x2), XLR female (x2)
Video signal	: HDMI, SDI

Type no.	Manufacturer no.	Description
EH2030	ESP1441	Pearl Mini

Webcaster X2 for social media

The easiest way to live stream to Facebook, YouTube or Twitch. The Webcaster X2 streams HD video signals from a HDMI source to YouTube, Facebook Live or Twitch. Connect a HDMI source with the Webcaster and the Webcaster with a network via an Ethernet cable. After login on a YouTube or Facebook account and typing in the code that shows on the display you can start streaming. The device remembers your settings for future use. Streams with Ethernet or Wi-Fi. Supports embedded HDMI audio at 44.1 kHz and 48 kHz. A new option is added under Preferences to choose between using an EDID that includes interlaced signals and one that does not. This is for camera compatibility only.

- Stream easily to YouTube, Facebook live or Twitch and AV studio platform (www.avstudio.com)
- Every HDMI camera or HDMI source can be connected (with exception of HDCP)
- By connecting a camera, audio can be added
- Ideal for live events or online lessons
- All settings are stored
- We advice to use HDMI and UTP cables
- HDMI out for monitoring purposes
- Configuration via mouse and monitor
- 48KHz audio supported as of firmware version 2.5
- Option to choose between an EDID using interlaced signals or not (regarding camera compatibility)

Technical specifications

Stream formats	: H.264
Connections (out)	: HDMI A (full-size) female (x1), RJ45 female (x1), USB A female (x2)
Max. resolution @ 60Hz	: 1080p
Other signals	: Digital audio, USB 3.0 - SuperSpeed (USB 3.2 Gen 1)
Control method	: Mouse, On Screen Display (OSD)
Power supply	: External power supply
Included	: HDMI cable, UTP cable

EH2019

Connections (in)	: HDMI A (full-size) female (x1), USB A female (x1)
Video signal	: HDMI
Video support	: EDID

Type no.	Manufacturer no.	Description
EH2019	ESP 1382	Webcaster X2 for social media

videon
simply moving media

Videon encoders: stream live video around the world within 4 seconds

Videon is a technology company in the US and has existed for more than 20 years. They develop, program and test modules and middleware that are integrated in media players and AV products around the world.

Videon supplies encoders / decoders that are designed around high-quality Intel and Qualcomm processors for 24/7 streaming applications. All models have a compact design, low consumption, high-end performance and high reliability at a very attractive price / quality ratio.

Videon encoders fit seamlessly into any live video application in resolutions up to UHD / 4K. It allows you to quickly and easily stream video content from any source with low latency of less than 350 ms locally and less than 4 seconds worldwide.

Would you like more information about Videon?
Check our website or contact our sales department

Videon

VersaStreamer 4K

The Videon VersaStreamer 4K is a 4K HEVC encoder. Functions with resolutions up to 2160p @ 30 Hz. Simultaneous streaming to 3 online platforms and supports simultaneous encoding and decoding. Local recording while streaming and simple web control.

- Simultaneous streaming to 3 online platforms
- Local recording on USB 3.0 flash drive whlle streaming
- Functions with 4K resolution and HEVC

Technical specifications

4K compatible	: Yes
Max. input resolution @ 30Hz	: 2160p
Streaming options	: RTMP/RTMPS x 3, RTSP, Unicast x 2 (RTP over UDP, Raw UDP), Multicast (RTP over UDP, Raw UDP), HLS
Other signals	: Analog audio, Digital audio, USB 3.0 - SuperSpeed (USB 3.1 Gen 1)
Control method	: API, Software, Web browser interface
Power supply	: External power supply
Included	: Power adapter, software

VD0008

Connections (in)	: 3,5 mm jack female (x1), BNC female (x1), HDMI A (full-size) female (x1)
Video signal	: HDMI, SDI
HDMI specification	: HDMI 1.4a
SDI specification	: 3G-SDI

Type no.	Manufacturer no.	Description
VD0008	VersaStreamer 4K	VersaStreamer 4K

VersaStreamer

The Videon VersaStreamer is a HDMI H.264 encoder/decoder. Functions with resolutions up to 1080p @ 60 Hz. Simultaneous streaming to 3 online platforms and supports simultaneous encoding and decoding. Local recording while streaming and simple web control.

- HDMI H.264 encoder/decoder
- Simultaneous streaming to 3 online platforms
- Simple web control
- Supports simultaneous encoding and decoding
- Local recording on flash drive while you stream

Technical specifications

Connections (out)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x1)
Max. input resolution @ 60Hz	: 1080p
Max. encoding resolution @ 30 Hz	: 1080p
Max. output resolution @ 60 Hz	: 1080p
Streaming options	: RTMP/RTMPS x 3, RTSP, Unicast x 2 (RTP over UDP, Raw UDP), Multicast (RTP over UDP, Raw UDP), HLS
Other signals	: Analog audio, Digital audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: API, Software, Web browser interface
Power supply	: External power supply
Included	: Power adapter, software

VD0006

Connections (in)	: HDMI A (full-size) female (x1)
Video signal	: HDMI
HDMI specification	: HDMI 1.4a

Type no.	Manufacturer no.	Description
VD0006	VersaStreamer	VersaStreamer

VersaStreamer SDI

The Videon VersaStreamer SDI is a HDMI H.264 encoder/decoder. Functions with resolutions up to 1080p @ 60 Hz. Simultaneous streaming to 3 online platforms and supports simultaneous encoding and decoding. Local recording while streaming and simple web control.

- Simultaneous streaming to 3 online platforms
- Local recording on flash drive whlle streaming
- SDI input for professional workflows
- Simultaneous supports encoding and decoding

videon
simply moving media

Technical specifications

Connections (out)	: 3,5 mm jack female (x1), HDMI A (full-size) female (x1)
Max. input resolution @ 60 Hz	: 1080p
Max. encoding resolution @ 30 Hz	: 1080p
Max. output resolution @ 60 Hz	: 1080p
Streaming options	: RTMP/RTMPS x 3, RTSP, Unicast x 2 (RTP over UDP, Raw UDP), Multicast (RTP over UDP, Raw UDP), HLS
Other signals	: Analog audio, Digital audio, USB 2.0 - HighSpeed (Enhanced)
Control method	: API, Software, Web browser interface
Power supply	: External power supply
Included	: Power adapter, software

VD0007

Connections (in)	: BNC female (x1), HDMI A (full-size) female (x1)
Video signal	: HDMI, SDI
HDMI specification	: HDMI 1.4a
SDI specification	: 3G-SDI

Type no.	Manufacturer no.	Description
VD0007	VersaStreamer SDI	VersaStreamer SDI

Pattern generators - Pattern generators

Pattern generators

4K HDMI pattern generator

This pattern generator is HDMI 2.0 & HDCP 1.4/2.2 compliant. At a resolution of 4K @ 60 Hz.Contains intelligent LED indicator for battery status. Portable design, working time up to 0.5 hours by inside 9.0 Volts Alkaline battery. Simple interface and easy to use

AVLINK
AV LINK GROUP LTD.

- 4K HDMI pattern generator
- Up to a resolution of 4K @ 60 Hz
- Provides a total of 12 patterns
- Intelligent LED indicator for battery status
- Portable design
- Simple interface

Technical specifications

Connections	: HDMI
4K compatible	: Yes
Max. resolution @ 60Hz	: 2160p
Other signals	: RS-232
Power supply	: Battery

LK1068

Video signal	: HDMI
Video support	: HDCP
HDMI specification	: HDMI 2.0

Type no.	Manufacturer no.	Description
LK1068	PG-H2Z	4K HDMI pattern generator

Converters

USB Serial Converter A male - 9 Sub-D male

Technical specifications

Connector A	: USB A male (x1)
Connector B	: D-sub 9-pin male (x1)
Conductor material	: Copper
Wire gauge	: 28 AWG
Cable colour	: Black
USB version	: USB 1.1 - FullSpeed (Universal)
Speed	: 250 kbps
Retail packaging	: Yes

Type no.	Manufacturer no.	Description
EW1116	EW1116	USB to Serial Converter RS-232

US-320 USB 1 Port RS-422/485 Small Profile

Delivered with 0.5 meter USB cable and can function with IP-50 and a temperature range of between -40 to 80 degrees.

- Small design, easy to install
- IP50 rated with high retention

Technical specifications

Number of ports	: 1 or 2
Baud rate	: 110 bits - 1 MegaBaud
Data bits	: 5, 6, 7 or 8
Parity	: Odd, Even, None, Mark or Space

Type no.	Manufacturer no.	Description
PC2014	US-320	US-320 USB 1 Port RS-422/485 Small Profile

MICRO USB Bluetooth Receiver Class 1

- Wirelessly exchange data with other Bluetooth devices
- Bluetooth v4.0 class 1

Technical specifications

Bluetooth	: v4.0 Class I

Type no.	Manufacturer no.	Description
EW1085	EW1085	Maximum range: 10 m

USB to Serial Converter

- Chipset: Prolific PL2303HXD
- Supported serial interfaces: RS232/RS422/RS485

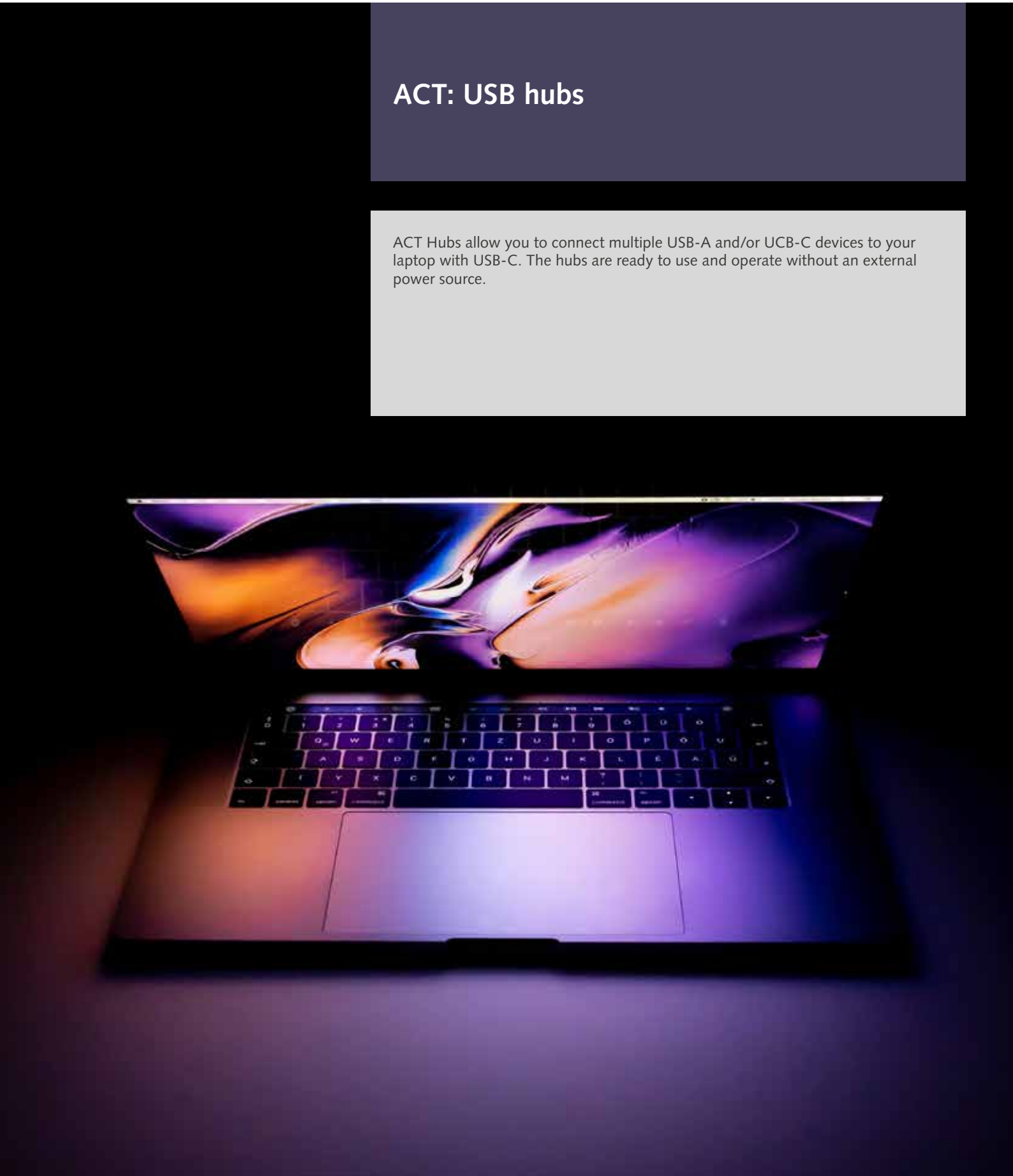
Technical specifications

USB compatibility	: USB 2.0 - HighSpeed (Enhanced)
Connector A	: USB A male
Connector B	: 9 Sub-D male
Cable length	: 0.60 m

Type no.	Manufacturer no.	Description
EM1016	EM1016	USB Converter to serial

ACT: USB hubs

ACT Hubs allow you to connect multiple USB-A and/or UCB-C devices to your laptop with USB-C. The hubs are ready to use and operate without an external power source.



USB hubs

ACT USB Hubs

ACT Hubs allow you to connect multiple USB-A and/or UCB-C devices to your laptop with USB-C.
The hubs are ready to use and operate without an external power source.

USB is the standard for connecting peripherals such as hubs. The name of the connectors has been changed a number of times over the years. This can lead to confusion. The current name of the ACT hubs: USB 3.2 Gen 1 also called SuperSpeed USB and has a speed up to 5Gbps. Previous names: USB 3.1 Gen 1 and USB 3.0.

Type no.	AC7050	AC7051	AC7055	AC7070	AC6120
Description	USB-C Hub with card reader and PD Pass-Through*	USB-C Hub with card reader	USB-C Hub with Gigabit ethernet port	USB-C Hub with USB-C & USB-A	USB-A hub
Input	USB-C male	USB-C male	USB-C male	USB-C male	USB-A male
Output	USB-A female x3 USB-C female x1 SD + Micro SD slot	USB-A female x3 SD + Micro SD slot	USB-A female x3 RJ45 x1	USB-A female x2 USB-C female x2	USB-A female x4
USB Standard	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 2 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)
Data transfer rate	5 Gbps	5 Gbps	5 Gbps	10 Gbps	5 Gbps
Type-C	Yes	Yes	Yes	No	No
Cable part length	0,15 m	0,15 m	0,15 m	0,15 m	0,50 m
PD Pass-through port*	Yes (60W)	-	-	-	-
Ethernet	-	-	1x Gigabit	-	-
Card reader	Yes	Yes	No	No	No
Material housing	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium

* Power delivery Pass-Through port, max. 60W, for charging your connected USB-C device

USB hubs

Ewent USB Hubs

Ewent offers a range of compact USB hubs that easily fit in your bag.
These hubs offer additional USB ports for your notebook and computer at home or on the road.

The 1137/1134/1133 hhubs support up to 4 USB devices and are compatible with the fast USB 3.2 Gen1 (SuperSpeed USB) standard with a maximum transfer speed up to 5 gigabit per second.
Do you have a laptop with USB-C ports and do you want to connect USB-A devices to it. Ewent has the solution!
The EW1137 4-Port USB-C Hubs ensure that you can continue to use all peripherals, USB sticks and external hard drives with a USB-A port on a laptop with USB-C connections.

Typenummer	EW1137	EW1134	EW1133
Description	4-Port Type-C Hub	4-Port Hub	4-Port Hub
USB compatibility	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1
Connector	USB-C	USB-A male	USB-A male
Number of USB ports	4x USB-A female	4x USB-A female	4x USB-A female
Data transfer speed	5Gbps	5Gbps	5Gbps
USB-C	Yes	No	No
Power	USB	Adapter (included)	USB
Plug and Play	Yes	Yes	Yes
Compact design	Yes	Yes	Yes
Cable part length cm	30	52	50
Extra functionality	LED-lighting	Micro USB-B to USB-A male cable	LED-lighting

• **USB 2.0 HighSpeed** (incl. USB 1.0 and 1.1) speed up to 480Mbit/s • **USB 3.2 Gen 1** (SuperSpeed USB) speed up to 5Gbit/s

Ewent USB Hubs

In addition to 3 SuperSpeed USB ports, the 3-Port EW1140 Hub also has a Gigabit network port for connecting your Ultrabook to a wired network.

Typenummer	EW1140	EW1130	EW1123	EW1122	EW1110
Description	3-Port Hub with Gigabit Lan port	7-Port Hub	4-Port Hub	4-Port Hub	4-Port Hub
USB compatibility	USB 3.2 Gen1	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Connector	USB-A male	USB-A male	USB-A male	USB-A male	USB-A male
Number of USB ports	3x USB-A female	7x USB-A female	4x USB-A female	4x USB-A female	4x USB-A female
Data transfer speed	5Gbps	480Mbps	480Mbps	480Mbps	480Mbps
USB-C	No	No	No	No	No
Power	USB	USB	USB	USB	USB
Plug and Play	Yes	Yes	Yes	Yes	Yes
Compact design	Yes	Yes	Yes	Yes	Yes
Cable part length cm	18	65	12	12	8
Extra functionality	1x Gigabit Lan	With ON/OFF switch	-	-	Flexible design

• **USB 2.0 HighSpeed** (incl. USB 1.0 and 1.1) speed up to 480Mbit/s • **USB 3.2 Gen 1** (SuperSpeed USB) speed up to 5Gbit/s

USB card readers

Ewent USB card readers

Transfer your files and pictures fast with the Ewent Card Readers.
You can take the card reader easily along with you thanks to its compact design.
Reach transfer speeds up to 5Gbit/s with SuperSpeed USB 3.1 Gen1 (USB 3.0).

Type no.	EW1075	EW1074	EW1050
Description	Card reader USB 3.2	Card reader USB 3.2	Card reader USB 2.0
USB compatibility	USB 3.2 Gen1	USB 3.2 Gen1	USB 2.0
Connector A	USB-C male / USB-A male	USB-A male	USB-A male
USB-C	Yes	No	No
Data transfer speed	5Gbps	5Gbps	480Mbps
Power	USB	USB	USB
Connections	-	-	-
Extra	Support for the most common used memory cards	Support for the most common used memory cards	Support for the most common used memory cards

Type no.	EW1044	EW1052	EW1059
Description	Card reader and USB hub	Smart card reader USB 3.2	Internal Card reader USB 2.0
USB compatibility	USB 2.0	USB 2.0	USB 2.0
Connector A	USB-A male	USB-A male	Internal (9-pin USB)
USB-C	No	No	No
Data transfer speed	480Mbps	480Mbps	480Mbps
Power	USB	USB	via internal USB port pc
Connections	-	-	-
Extra	Support for the most common used memory cards With 3-port USB hub	Read your EID or Smart Card, compatible with Belgium eID cards	Support for the most common used memory cards For placement in a free 3.5 inch slot

• **USB 2.0 HighSpeed** (incl. USB 1.0 and 1.1) speed up to 480Mbit/s • **USB 3.2 Gen 1** (SuperSpeed USB) speed up to 5Gbit/s

ewent

Ewent HDD / SSD enclosures

Are you going to replace your internal hard drive with an SSD or a new hard drive? Our Ewent external hard drive enclosures are the ideal solution to give your old internal hard drive a new life.

USB HDD Enclosures

Ewent HDD/SSD enclosures

Are you going to replace your internal hard drive with a SSD or a new hard drive? The Ewent external hard drive enclosures are the ideal solution to give your old internal hard drive a new life. You will have quick and easy additional storage space that you can easily take along with you. Ewent offers a solution for every type of hard drive.

Type no.	EW7070	EW7072	EW7024	EW7075	EW7032
Description	2.5" SATA HDD/SSD Enclosure USB-C	2.5" SATA HDD/SSD Enclosure USB-C (screwless)	M.2 NVMe/PCIe SSD Enclosure USB-C	USB-C to 2.5" SATA Adapter cable for SSD/HDD	2.5" SATA HDD/SSD Enclosure
Type of enclosure	External	External	External	Adapter cable	External
HDD/SSD interface	SATA	SATA	M.2 NVMe/PCIe	SATA	SATA
Format HDD/SSD	2.5 inch	2.5 inch	up to 80 mm	2.5 inch	2.5 inch
Connection	USB 3.2 Gen2	USB 3.2 Gen2	USB 3.2 Gen2	USB 3.2 Gen1	USB 3.2 Gen1
Transfer speed max.	10Gbit/s	10Gbit/s	10 Gbit/s	5Gbit/s	5Gbit/s
USB-C	Yes	Yes	Yes	Yes	No
Power	USB	USB	USB	USB	USB
Material housing	Aluminium	ABS	Aluminium	ABS	Aluminium
UASP-support	Yes	Yes	Yes	Yes	Yes
Extra	Can be connected to the traditional USB Type-A port as well with the included USB-A cable	Screwless design Can be connected to the traditional USB Type-A port as well with the included USB-A cable	Blue LED indicator Light weight and compact	Led indicator	LED indicator
Dimension. (WxHxD in mm)	79x19x126	75x14x120	29x7x102	70x18,2x12,5	75x14x129
Included cables/ accessories	1x USB-C to USB-C 1x USB-C to USB-A Screws + screwdriver	1x USB-C to USB-C 1x USB-C to USB-A	1x USB-C to USB-C 1x USB-C to USB-A Screws + screwdriver	-	USB-A cable 60cm

USB SPECIFICATIONS: • USB 2.0 HighSpeed (incl. USB 1.0 and 1.1) up to 480Mbit/s • USB 3.2 Gen 1 (SuperSpeed USB) transfer speed up to 5Gbit/s • USB 3.2 Gen 2 (SuperSpeed USB 10Gbps) up to 10 Gbit/s

Ewent HDD/SSD eclosures

The 2.5 inch enclosures are suitable for HDDs and SSDs with a SATA or M.2 interface. They are connected to your laptop or PC via the supplied USB-A connection cable. The EW7070 and EW7072 housings are also suitable for the USB-C port of your laptop or PC and is supplied with both a USB-C to USB-C cable and a USB-C to USB-A cable.

Type no.	EW7044	EW7034	EW7040	EW7055	EW7056
Description	2.5" SATA HDD/SSD Enclosure (screwless)	2.5" SATA HDD/SSD Enclosure	2.5" SATA HDD/SSD Screwless (screwless + keylock encrypted)	3.5" SATA HDD Enclosure	3.5" SATA HDD Enclosure (screwless)
Type of enclosure	External	External	External	External	External
HDD/SSD interface	SATA	SATA	SATA	SATA	SATA
Format HDD/SSD	2.5 inch	2.5 inch	2.5 inch	3.5 inch up to 4Tb	
Connection	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1
Transfer speed max.	5Gbit/s	5Gbit/s	5Gbit/s	5Gbit/s	5Gbit/s
USB-C	No	No	No	No	No
Power	USB	USB or optional 5V Adapter	USB	DC 12V 2A	DC 12V 2A
Material housing	ABS	Aluminium	ABS	Aluminium	ABS
UASP-support	Yes	No	No	No	Yes
Extra	LED indicator Screwless design	HDD support up to 12,5mm	LED indicator Screwless design + Real-time 256-bit AES hardware encryption	-	Led indicator ON/OFF switch
Dimension. (WxHxD in mm)	75x14x120	75x19x125	79x20x120	25x201x113	110x187x31
Included cables/ accessories	USB-A-cable	USB-A-cable Screws + screwdriver + carrying bag	USB-A to Micro-B USB cable	USB-A-cable Power adapter	USB-A-kabel 12V adapter

USB SPECIFICATIONS: • USB 2.0 HighSpeed (incl. USB 1.0 and 1.1) up to 480Mbit/s • USB 3.2 Gen 1 (SuperSpeed USB) transfer speed up to 5Gbit/s • USB 3.2 Gen 2 (SuperSpeed USB 10Gbps) up to 10 Gbit/s

USB HDD Enclosures

Ewent HDD/SSD enclosures

Are you going to replace your internal hard drive with a SSD or a new hard drive? The Ewent external hard drive enclosures are the ideal solution to give your old internal hard drive a new life. You will have quick and easy additional storage space that you can easily take along with you. Ewent offers a solution for every type of hard drive.

Type no.	EW7023	EW7012	EW7014	EW7018	EW7017	EW7016
Description	M.2 SSD Enclosure	2.5" + 3.5" SATA Docking station	2.5" + 3.5" SATA Dual Docking station	2.5" + 3.5" SATA Adapter cable	2.5" SATA Adapter cable	2.5" + 3.5" IDE/ SATA Adapter
Type of enclosure	External	Docking	Docking	Adapter cable	Adapter cable	Adapter
HDD/SSD interface	M.2	SATA	SATA	SATA	SATA	SATA/IDE
Format HDD/SSD	up to 80 mm	2.5 and 3.5 inch	2.5 and 3.5 inch	2.5 + 3.5 inch	2.5 inch	2.5 + 3.5 inch
Connection	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1	USB 3.2 Gen1
Transfer speed max.	5Gbit/s	5Gbit/s	5Gbit/s	5Gbit/s	5Gbit/s	5Gbit/s
USB-C	No	No	No	No	No	No
Power	USB	Adapter	Adapter	DC 12V 2A	USB	DC 12V 2A
Material housing	Aluminium	ABS	ABS	ABS	ABS	ABS
UASP-support	Yes	Yes	Yes	Yes	Yes	No
Extra	Blue LED indicator Light weight and compact	Led indicator ON/OFF button	Dual bay LED indicator ON/OFF button Clone-function	Led indicator	Led indicator	Led indicator OTB (only for WIndows)
Dimension. (WxHxD in mm)	40.6x9.6x109	125x57x74	149x61x117	70x20x34	70x18,2x12,5	64x42x135
Included cables/ accessories	USB-A-cable Screws + screwdriver	USB-A-cable 12V 2A power adapter	USB-A-cable 12V 3A power adapter	Power adapter	-	USB-, SATA- and IDE-cables PC Clone Lite software + power adapter

USB SPECIFICATIONS: • USB 2.0 HighSpeed (incl. USB 1.0 and 1.1) up to 480Mbit/s • USB 3.2 Gen 1 (SuperSpeed USB) transfer speed up to 5Gbit/s • USB 3.2 Gen 2 (SuperSpeed USB 10Gbps) up to 10 Gbit/s

Ewent HDD/SSD enclosures

The 2.5 inch enclosures are suitable for HDDs and SSDs with a SATA or M.2 interface. They are connected to your laptop or PC via the supplied USB-A connection cable. The EW7070 and EW7072 housings are also suitable for the USB-C port of your laptop or PC and is supplied with both a USB-C to USB-C cable and a USB-C to USB-A cable.

Type no.	EW7041	EW7047	EW7051	EW7001	EW7007	EW7006
Description	2.5" SATA HDD enclosure	3.5" SATA + IDE HDD enclosure	3.5" SATA HDD enclosure	3.5" Bracket for 2.5" HDD/SSD Bulk	3.5" Mounting kit for 2.5" SSD/HDD	3.5" Bracket for two 2.5" HDD/SSDs
Type of enclosure	External	External	External	Bracket	Bracket	Bracket
HDD/SSD interface	SATA	SATA + IDE	SATA	-	SATA	
Format HDD/SSD	2.5 inch	3.5 inch	3.5 inch up to 8TB	2.5 to 3.5 inch	2.5 to 3.5 inch	2x 2.5 to 3.5 inch
Connection	USB 2.0	USB 2.0	USB 2.0	-	-	-
Transfer speed max.	480Mbit/s	480Mbit/s	480Mbit/s	-	-	-
USB-C	No	No	No	-	-	-
Power	USB	DC 12V 2A	DC 12V 2A	-	-	-
Material housing	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
UASP-support	No	No	No	-	-	-
Extra	-	Supports HDD up to 8TB	Led indicator	Bulk	In retail box	In retail box
Dimension. (WxHxD in mm)	76x15x130	200x115x30	202x115x30	100x10x100	100x10x100	115x23x101
Included cables/ accessories	USB-A-cable	USB-A-cable Power adapter	USB-A-cable Screws + screwdriver Power adapter	Screws	SATA III cable 50 cm. and screws	Screws

USB SPECIFICATIONS: • USB 2.0 HighSpeed (incl. USB 1.0 and 1.1) up to 480Mbit/s • USB 3.2 Gen 1 (SuperSpeed USB) transfer speed up to 5Gbit/s • USB 3.2 Gen 2 (SuperSpeed USB 10Gbps) up to 10 Gbit/s

Mice

Ewent mice

Enjoy working on your computer with the optical mice of Ewent!
The optical precision of these mice ensures everything you need to continue working.
The Ewent mice are equipped with a scroll wheel and work on almost every surface.

The wireless optical mice come with a Nano USB receiver and feature intelligent energy-saving mode to extend the battery life.

Type no.	EW3154	EW3156	EW3157	EW3150	EW3158
Description	Optical Mouse USB and PS/2	Vertical Ergonomic Mouse USB	Vertical Ergonomic Mouse USB	Wireless Vertical Ergonomic Mouse	Wireless Vertical Ergonomic Mouse
Type	Optical mouse with scroll wheel	Vertical optical mouse with scroll wheel	Vertical optical mouse with scroll wheel	Vertical optical mouse with scroll wheel	Vertical optical mouse with scroll wheel
Interface	Wired USB/PS2	Wired USB	Wired USB	Wireless	Wireless
DPI optical sensor max.	1000	1000	1800	1600	1600
DPI selectable	No	No	Yes	Yes	Yes
Number of buttons	2	5	5	5	5
Scroll wheel	Yes	Yes	Yes	Yes	Yes
Cable length (m)	1,60	1,25	1,25	1,5	1,5
Ergonomic, for improved hand, wrist and arm comfort	-	Yes	Yes	Yes	Yes
Intelligent stand-by power saving function	-	-	-	Yes	Yes
Included	USB to PS/2 adapter	-	-	USB charging cable to recharge the internal battery	USB charging cable to recharge the internal battery
For right and left handers	-	-	-	-	-
Extra	-	-	-	Internal Li-ion battery	Internal Li-ion battery

Ewent mice

Many common symptoms of hand/mouse related strain are prevented and reduced by using an ergonomic mouse. Work more comfortably thanks to the ergonomic design. Your hand, wrist and forearm are supported more naturally.

Type no.	EW3151	EW3222 black	EW3232 black	EW3235 black	EW2761
Description	Wireless Ergonomic Mouse with thumb scroll wheel	Wireless Mouse	Wireless Mouse	Wireless Mouse	Mousepad
Type	Optical mouse with thumb scroll wheel	Optical mouse	Optical mouse	Optical mouse	Mouse pad (Leather look)
Interface	Wireless	Wireless	Wireless	Wireless	-
DPI optical sensor max.	1600	1000	1600	1600	-
DPI selectable	No	No	Yes	Yes	-
Number of buttons	2	3	4	4	-
Scroll wheel	Yes	Yes	Yes	Yes	-
Cable length (m)	-	-	-	-	-
Ergonomic, for improved hand, wrist and arm comfort	Yes	-	-	-	-
Intelligent stand-by power saving function	Yes	Yes	Yes	Yes	-
Included	1x AA battery	2x AAA battery	1x AA battery	2x AAA battery	-
For right and left handers		Yes	Yes	Yes	-
Extra	Thumb scroll wheel reduces hand-related strain	ALSO AVAILABLE: EW3227 I Red EW3228 I Blue EW3221 I black* *(cardboard box)	ALSO AVAILABLE: EW3230 I Red EW3231 I Blue	ALSO AVAILABLE: EW3236 I White EW3237 I Red EW3238 I Blue	Polyurethane, rubber 22x18x0,3 cm

Stylus Smartpen

- Used on tablet and smartphone with capacitive screens

Type no.	Manufacturer no.	Description
EW1424	EW1424	Stylus

Keyboards

Ewent keyboards

Ewent keyboards are functional and user-friendly. Thanks to the handy keyboard shortcuts, your computer is now even easier to use. Below you will find an overview of our range of Ewent keyboards. You can quickly compare the keyboards and find the right keyboard.

The EW3163/EW3168 Ultra-slim Bluetooth Keyboards are designed to type more convenient on tablets and smartphones. You can switch effortlessly between iOS, MAC OS, Android and Windows devices. The keyboard is equipped with OS adaptive multimedia shortcuts. The EW3102 keypad is fitted with comfortable keys for numeric data entry. You can use the keypad for spreadsheets, accounting and all financial applications.

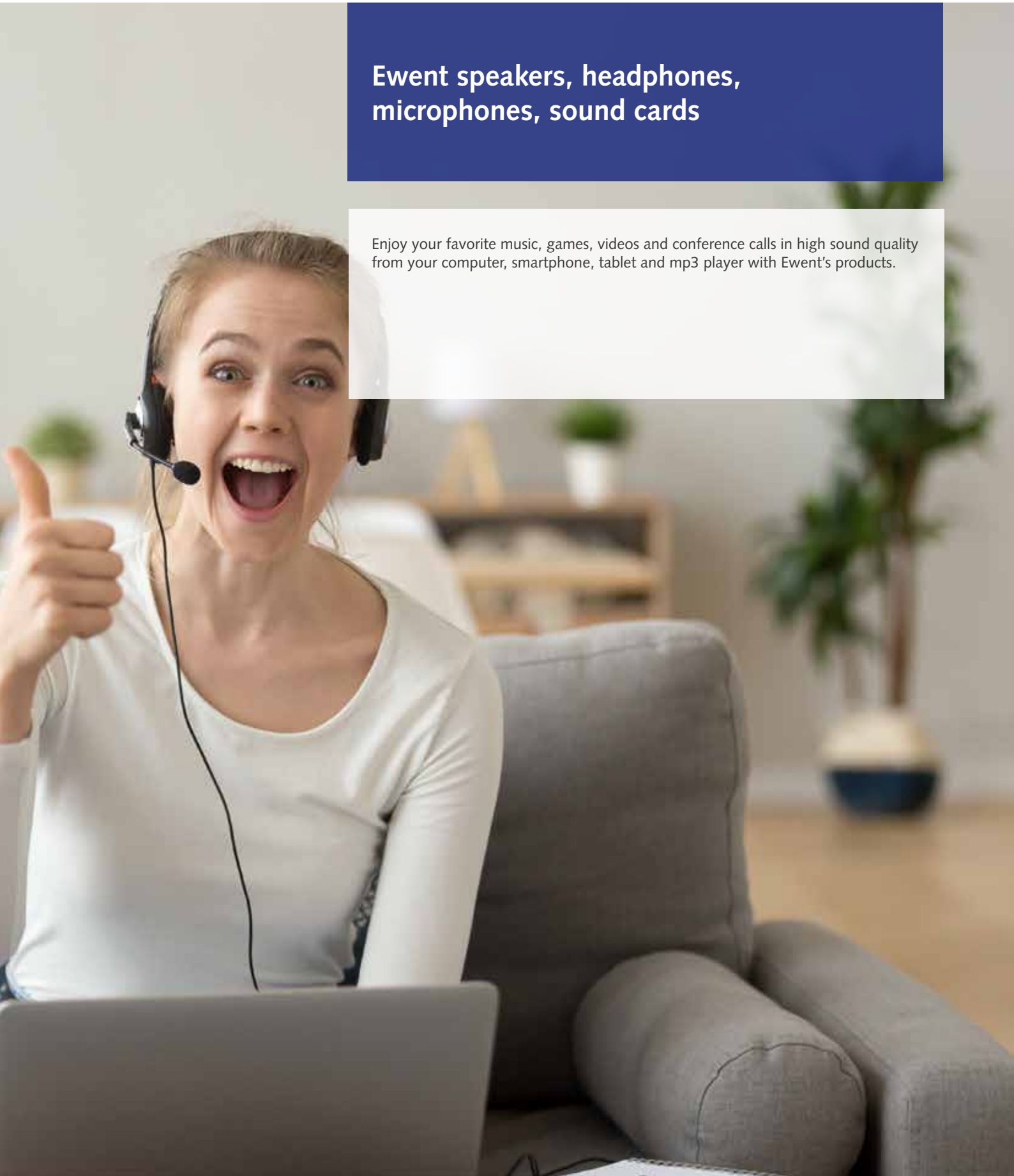
Type no.	EW3130/EW3131	EW3190	EW3193	EW3250
Description	Multimedia keyboard	Business keyboard	Wireless keyboard with wireless mouse set	Keyboard with integrated Smart Card and eID Card Reader
Interface	Wired (USB)	Wired (USB)	Wireless (USB nano)	Wired (USB)
Layout	EW3130 QWERTY EW3131 AZERTY	QWERTY	QWERTY	AZERTY
Cable length (m)	1,20	1,40	-	1,50
Led indicators	Numlock, Capslock and Scroll lock	-	Numlock, Capslock, Power status	-
Dimension WxHxD in mm	450x164x25	446x152x25	447x140x22	445x150x47
Extra	10 Media keys	-	12 Media keys and wireless optical mouse 1600 dpi. Batteries included	Reads EID or Smartcards

Type no.	EW3163/EW3168	EW3102
Description	Bluetooth keyboard	Numeric Keyboard
Interface	Bluetooth V3.0	Wired (USB)
Layout	EW3163 QWERTY EW3168 AZERTY	
Cable length (m)		1,35
Led indicators	-	-
Dimension WxHxD in mm	285x120x15	91x140x18
Extra	18 Media keys Batteries included	

ewent

Ewent speakers, headphones, microphones, sound cards

Enjoy your favorite music, games, videos and conference calls in high sound quality from your computer, smartphone, tablet and mp3 player with Ewent's products.



Speakers

Ewent speakers

Enjoy your favourite music, games or videos played from your computer, smartphone and tablet in high quality audio with the Ewent Speakers.

Type no.	EW3513	EW3504	EW3505
Description	2.0 speakerset	2.0 speakerset	Stereo Speakers 2.1 with Subwoofer
Interface	1x 3.5 mm jack	1x 3.5 mm jack	1x 3.5 mm jack
Speakers	2x 2.5 W	2 x 3W	2x 2.5 W
Subwoofer	no	no	yes 10W
Frequency Response Range	10 - 20 KHz	20 - 20 KHz	18 Hz-20 KHz
Power supply	USB	Built-in	Built-in
Cable length (m)	1.0	1,5 power cable 1,4 audio cable	1,3 powercable 1,2 audio cable 1,2 speaker cable
Control for	Volume	Power, Volume	Power, Volume, Bass
Extra	-	-	-

Headsets

Ewent headsets

The Ewent headphones are of high quality and let you enjoy your conversation easily. Connecting the headsets is very easy. Our headsets are equipped with two separately coloured mini-jack plugs that you connect to the microphone input and speaker output of your computer. After that you only have to adjust the volume on your computer.

Type no.	EW3573	EW3563	EW3562	EW3567	EW3584
Description	Foldable stereo headset with adjustable headband	Stereo Headset with microphone	Stereo Headset with microphone	Headset	In-ear headphones
Interface	1x 3.5 mm jack	2x 3.5 mm jack	2x 3.5 mm jack	1x 3.5 mm jack	1x 3.5 mm jack
Speakers	-	-	-	-	-
Subwoofer	-	-	-	-	-
Frequency Response Range	20 - 20 KHz	20 - 20 KHz	20 - 20 KHz	20 - 20 KHz	20 - 20 KHz
Power supply	-	-	-	-	-
Cable length (m)	1,5	2,10	2,0	1,8	1,2
Control for		Volume	Volume	Volume	-
Extra	Foldable design Nylon braided cable	Adjustable headband	Adjustable headband	One plug for the speaker and microphone signal Adjustable headband	incl. 3 sizes soft rubber adapters for a perfect integration

Microphones

Ewent microphones

The Ewent Multimedia Microphone is perfect for calling over the Internet. Place the microphone in the adjustable stand for handsfree communication! Do you prefer attaching the microphone to your monitor? No problem! The multimedia microphone comes with a self-adhesive clip. This microphone is very compact and functional.

The Ewent Multimedia Microphone with microphone sensitivity control is perfect for video meetings, vlogging and podcasting. Place the microphone in the adjustable stand with non-skid rubber feet for handsfree communication.

Type no.	EW3552	EW3550
Description	Multimedia Microphone with noise cancelling	Multimedia Microphone
Interface	1x 3.5 mm jack	1x 3.5 mm jack
Speakers	-	-
Subwoofer	-	-
Frequency Range	50 - 16 KHz	50 - 16 KHz
Power supply	-	-
Cable length (m)	2,0	1,8
Control for	-	-
Extra	Adjustable stand with integrated microphone clip and non-skid rubber feet for more stability Audio adapter cable included	With adjustable stand and self-adhesive clip

Soundcards

Ewent audio adapter and video grabber

Add a headset or speaker and microphone input to your computer, notebook or netbook, using the Ewent EW3751 USB Audio Adapter. It is easy to install, just plug the adapter into an available USB port. Discover how virtual 3D sound improves the quality of your music!

Convert you video tapes easily to DVD with the EW3707 Ewent Video Grabber. Connect your video recorder or video camera to the Ewent Video Grabber to save videos on your computer.

Type no.	EW3707	EW3751
Description	Video grabber	USB Audio Adapter
Interface	USB	USB
Audio	-	3D 5.1 sound
Connectors	S-Video, Composite Audio/Video in	2x 3.5 mm for micrphone and headset
Compatible with	PAL B/G/DK/NTSC	-
Max. resolution	720x576	-

TV Streamer

Full HD 4KTV Streamer

- 4K TV Streaming Box powered by LibreELEC Kodi
- Stream 4K media files from the Internet, your network, NAS, external hard disk, USB stick, micro SD card
- Full 4K 60Hz support; supports BD-ISO, DVD-ISO, h.265, HEVC, VP9, HDR, HDR-10
- Full Audio support: Dolby True HD, DTS-HD and DTS-HD MA
- Easy controllable with the included remote control and free Kodi Remote Control app
- Download subtitles, movie information and add-ons

Technical specifications

Interface	: High Speed HDMI 2.0
WiFi	: Yes
Audio connections	: Digital Optical (Toslink)
Various ports	: 3x USB 2.0, 1x Micro SD card reader, 1x LAN
Power supply	: Adapter
4K compatible	: Yes
Included	: Remote control, batteries, 4K HDMI cable

Type no.	Manufacturer no.	Description
EM7680	EM7680	Full HD 4K TV Streamer

Docking stations

ACT docking stations

Create a complete working station with the ACT Multiport Dock.
Connecting only one USB-C cable to your notebook to create a complete working station? It's possible with the USB-C Multiport Docks of ACT. These docks enable you to extend your notebook with a 4K monitor via HDMI, Gigabit Ethernet connection, a USB Type-A port and a USB Type-C pass-through charging port with power delivery support.

The ACT AC6150 USB-A Multiport dock lets you connect up to 2 full HD screens to your laptop. Besides, your laptop will be extended with 6 additional USB ports. These USB ports enable you to connect peripherals or to charge your smartphone and tablet: 4x USB ports 2.0 on the rear and 2x USB 3.1 Gen1 (USB 3.0) ports on the front. The Docking Station is equipped with a Gigabit LAN networking port, microphone and headphones connection. All connections are easily accessible, thanks to the space-saving design.

Type no.	AC7040	AC7041	AC6150
Description	USB-C Multiport Laptop Docking	USB-C Multiport Laptop Docking	USB-A Multiport Laptop Docking
Input	USB-C male	USB-C male	USB-A male
Output	HDMI female x1 USB-A female x1 USB-C female x1 RJ45 x1	HDMI female x1 USB-A female x2 USB-C female x1 RJ45 x1 SD + Micro SD slot	HDMI female x1 DVI x1 USB-A 2.0 x4 USB-A 3.2 Gen1 x2 RJ45 x1 3.5mm jack x2
USB Standard	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)	USB 3.2 Gen 1 (SuperSpeed USB)
Data transfer rate	5 Gbps	5 Gbps	5 Gbps
Type-C	Yes	Yes	No
HDMI Standard	HDMI 1.4	HDMI 1.4	HDMI 1.4
Resolution	4096 x 2160 @ 30Hz	4096 x 2160P @ 30Hz	2560 x 1440 @ 30Hz
4K compatible	Yes	Yes	No
Cable length	0,15 m	0,15 m	-
System requirements	DP Alt mode**	DP Alt mode**	-
Video Support	HDCP 2.2	HDCP 2.2	
PD Pass-through port*	Yes (60W)	Yes (60W)	-
Ethernet	1x Gigabit	1x Gigabit	1x Gigabit
Card reader	No	Yes	No
Material enclosure	Aluminium	Aluminium	ABS
Extra	-	-	DVI to VGA adapter included

* Power delivery Pass-Through port, max. 60W, for charging your connected USB-C device
** The USB-C port of your laptop needs to support DisplayPort alternate mode which can be recognized by the DP logo near the USB-C port. (like MacBook)

Cleaning

Ewent cleaning

The Ewent EW5600 en EW5601 Air Duster is a powerful air spray which removes effectively dust and loose dirt from keyboards, printers and other electronic equipment. For cleaning detailed and precise work, the Air Dusters come with a handy extension tube.

The EW5671 and EW5612 screen cleaners are ideal for removing dust, dirt and fingerprints on your tablet, smartphone and computer screens. Remove oxidation from electronic contacts with the EW5614. Ideal for electromechanical contacts and sensors. The EW5613 Isopropyl Alcohol spray is ideal for cleaning printed circuit boards and plastic parts of computers and printers.

Type no.	EW5600	EW5601	EW5671	EW5612	EW5614	EW5613
Description	Air Duster 220 ml	Air Duster 400 ml	Screen cleaning fluid	Surface cleaning wipes	Dry clean contact spray	Isopropyl Alchohol spray
Contents	220 ml	400 ml	200 ml and 1x microfiber cloth	100 pre-moistered wipes	200 ml	200 ml
Purpose	Cleaning electronic equipment, such as, keyboards, printers, etc	Cleaning electronic equipment, such as, keyboards, printers, etc	Screen cleaner for tablets and smartphones	Screen cleaning wipes	Dry deoxidizer for electrical contacts	For all plastic structures and enclosures of computers, printers, video screens, plotter and photocopier rollers
100% Ozone friendly	yes	yes	-	-	yes	yes
	Works in upside-down position	Keep upright when using the canister	Removes effectively dust, lint, oil and fingerprints	Removes effectively dust, lint, oil and fingerprints	No residues Evaporates rapidly Prevents moisture	Chlorine free Safe for plastics No residues Evaporates rapidly
Antibacterial: SGS tested	-	-	yes	yes	-	-
Anti-static	-	-	yes	yes	-	-
Alcohol and ammonia free	yes	yes	yes	yes	no	no
Dermatologically free	yes	yes	yes	yes	-	-

Ewent power

Ewent power range consists of the following products:

- USB chargers
- Powerbank
- Laptop chargers
- UPS

USB Car chargers

Ewent USB car chargers

Your smartphone or tablet empty while on the road? Don't worry! Ewent has an extensive range of USB chargers. There is always a suitable one. Whether you need a lot of USB ports, a charger with Qualcomm® Quick Charge™ or a regular car charger or just want a mini car charger.

Type no.	EW1354	EW1356	EW1352	EW1220	EW1191	EW1355
Description	4-Port USB Car charger 9.6A	2-Port USB-C and USB-A Car charger 36W with PD and Quick Charge	2-Port USB Car charger 5A with 1 Quick Charge 3.0 port	2-Port USB Mini Car charger 2.1A	Automatic Smartphone Car Mount with support for fast wireless charging	5-Port USB Car charger 10.8A
Number of ports	4x USB-A	1x USB-C 1x USB-A	2x USB-A	2x USB-A	-	5x USB-A
Input voltage	12-24V DC	12-24V DC	12-24V DC	12-24V DC	Wireless charging: 5V 2A* Fast Wireless charging: 9V 1,67A* *car charger required, for example EW1352	12-24V DC
Output current	9.6 A	Check: Quick Charge 3.0 and Power Delivery	5 A	2.1 A	1.5 A / 1,20 A	10.8 A
Watt	48 W	36 W	25 W	10,5 W	7,5 W	54 W
Smart IC	No	No	No	No	No	Yes
Quick Charge 3.0	No	USB-A: 3.6 - 6.5V/3A 6.5 - 9V/2A 9 - 12V/1.5A	1x 3.6 - 6.5V/3A 6.5 - 9V/2A 9 - 12V/1.5A	No	No	No
Power Delivery	No	USB-C: 5V/3A, 9V/2A 12V/1.5A	No	No	No	No
Colour	Black	Black	Black	Black	Black	Black
Cable length (m)	-	-	-	-	1,2	1,5
Extra	-	-	-	-	Comes with an air vent mount and window mount	Dual car charger for use on the front and back seat

All chargers are tested and inspected by a notified body organisation (such as TUV and SGS). As a result, our products meet the safety requirements of the relevant standard that is set within Europe. In addition, every new batch is tested by us in our testing room.

USB Chargers

Ewent USB Home chargers

Many devices are charged via USB. With an Ewent USB charger you can charge a tablet, smartphone, bluetooth speaker, camera and wireless gamepad.

Intelligent USB chargers with Smart IC-technology
Ewent USB chargers are equipped with a chip that continuously is monitoring the connected devices. The smart charger will distribute the available power and provides the connected devices with the exact and correct charging current.

Quick Charge
If you have little time but you want to recharge the battery of your smartphone or tablet? Thanks to the fast Ewent USB chargers, your smartphone or tablet is quickly ready for use again. Quick Charging Function: This allows one of the connected devices to charge faster, even if there are several connected smartphones or tablets.

Type no.	EW1304	EW1314	EW1233	EW1312	EW1302	EW1315
Description	4-Port Smart USB Charger 5.4A	4-Port Smart USB Charger 5.4A	2-Port USB Quick Charge 4A Charger	2-Port Smart USB Charger 3.2A	2-Port Smart USB Charger 2.4A	1-Port USB-C Charger 18W with PD
Number of ports	4x USB-A	4x USB-A	2x USB-A	2x USB-A	2x USB-A	1x USB-C
Input voltage	100V-240V AC	100V-240V AC	100V-240V AC	100V-240V AC	100V-240V AC	100V-240V AC
Output current	5.4 A	5.4 A	4A	3.2 A	2.4A	5V/3A, 9V/2A 12V/1.5A
Watt	27 W	27 W	20W	16W	12W	18 W
Smart IC	Yes	Yes	No	Yes	Yes	No
Quick Charge 3.0	No	No	1x 3.6V - 6.5V/ 3A 6.5V - 9V/ 2A 9V - 12V/ 1.5A	No	No	No
Power Delivery	No	No	No	No	No	5V/3A, 9V/2A 12V/1.5A
Connector	-	-	-	-	-	-
Colour	White	Black	White	Black	White	White
Cable length (m)	-	-	-	-	-	-

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Ewent USB Home chargers

Quick charge 3.0 chip
Is your device is equipped with a **quick charge 3.0 chip?** Then, your smartphone or tablet charges up to 4x faster. The battery is charged from 0 to 80 percent in just 35 minutes!

Faster and safer loading with Power Delivery support
USB-C supports Power Delivery (PD). This protocol ensures that, for example, your smartphone is charged up to 70% faster than via a conventional USB charger. The device and the charger both must support Power Delivery and have a built-in chip. These intelligent chips determine which PD profile is the most suitable. The PD chip in the charger communicates with the PD chip in your device to get the best charging performance. Power Delivery profiles: 5 V, 9 V, 12 V, 15 V and 20 V.

Type no.	EW1300	EW1200	EW1305	EW1213	EW1192	EW1317
Description	1-Port USB Charger 2.4A	1-Port USB Charger 1A	Home Charger 3A with USB-C connector	Home Charger 2.1A met Lightning connector	Smartphone Fast Wireless Charging Stand	Desktop USB Charger 36W, 1x USB-C with PD and 3x USB-A with Smart IC
Number of ports	1x USB-A	1x USB-A	-	-	-	1x USB-C with PD 3x USB-A with Smart IC
Input voltage	100V-240V AC	100V-240V AC	100V-240V AC	100V-240V AC	5V 2A	100V-240V AC
Output current	2.4A	1A	3 A	2.1 A	1,5 A	USB-A: 3x 2.4 A
Watt	12W	5W	15W	10,5 W	10 W	36 W
Smart IC	No	No	No	No	No	Yes on 3x USB-A
Quick Charge 3.0	No	No	No	No	No	No
Power Delivery	No	No	No	No	No	USB-C: 5V/3A, 9V/2A, 12V/1.5A
Connector	-	-	USB-C	Lightning* *Officiall Apple MFI certified	Supports Qi	-
Colour	Black	White	Black	White	Black	Black
Cable length (m)	-	-	1,75 m	1,00 m	1,20 USB-C	Extra long cable 1,90m

All chargers are tested and inspected by a notified body organisation (such as TUV and SGS). As a result, our products meet the safety requirements of the relevant standard that is set within Europe. In addition, every new batch is tested by us in our testing room.

Laptop chargers

Ewent Laptop chargers

All Ewent laptop chargers come with a quadruple safety system that protects against overheating, over voltage, over current and short circuit. If the battery of your netbook or notebook is full, the Ewent charger automatically stops charging.

Free tip service!
Always the right tip for your laptop! Ewent offers several tips with the charger. Is your tip missing? You can easily apply through: https://support.ewent-online.com/hc/requests/new. The tip will be sent for free. Due to a different loading technology, it is not possible to provide traditional laptop chargers with a Type-C tip.

Type no.	EW3985	EW3986	EW3980
Description	Slim Size notebook charger 15.6 inch	Slim Size notebook charger 17.3 inch	USB Type-C notebook charger with Power Delivery profiles 65W
Max. power	65 W	90 W	65 W
Input	100V-240V AC 1,6A 50/60 Hz	100V-240V AC 1,5A 50/60 Hz	100V-240V AC 1,5A 50/60 Hz
Output	18,5V-3.5A 19V-3,42A 19,5V-3,33A 20V-3.25A	18,5V-4,86A 19V-4,74A 19,5V-4,62A 20V-4,5A	PD (Power Delivery) profiles: 5V up to 3A 5.20V up to 2.4A 9V up to 3A 12V up to 3A 14,5V up to 2A 15V up to 3A 20V up to 3.25A 20.3V up to 3A
Number of included tips	10	10	-
USB-C compatible	No	No	Yes
Fourfold protection	Yes	Yes	Yes
Cable length input (m)	1,20	1,20	1,20
Cable length output (m)	1,65	1,65	1,80
Dimensions in mm (BxHxD)	94x25x48	124x32x49	70x31x70
Extra	Free tip service	Free tip service	Smartphone/tablet without PD support are charged @ 5V 3A

Power Supply

Ewent power supply

Replace your computer's power supply with the EW3907 or EW3908 ATX Replacement PC Power Supply.
These power supplies have smart fan control. The fan speed is controlled by the temperature. When the temperature of the power supply is too high, the fan speed will increase. PFC support ensures a more efficient power throughput. The EW3907 and EW3908 have over temperature protection, over voltage protection, over current protection and short circuit protection

Type no.	EW3907	EW3908	EW3990
Description	Power Supply ATX 500W V3.1 with PFC	Power Supply ATX 600W V3.1 with PFC	150W Power Inverter 12V to 230V with 2.1A USB port
Type	Power supply	Power supply	150 W Power inverter
Power	500 W	600 W	150 W (300W peak)
Input voltage	160~270V AC	160~270V AC	DC 11-15V (Max 15A)
Output currents	12V1 = 11A 12V2 = 11A -12V = 0.5A 5V = 28A 3.3V = 25A 5VSB = 2A	12V1 = 15A 12V2 = 15A 5V = 28A 3.3V = 25A	AC 230V +/-10%
Connections	1 x EPS/EATX connector 4/8pin 12V (45cm) 1 x ATX connector 20+4pin (40cm) 1 x FDD (30cm) 1 x PCI-E 6 pin (30cm) 2 x Molex (30cm) 3 x SATA (40cm)	1 x EPS/EATX connector 4/8pin 12V (45cm) 1x ATX connector 20+4pin (40cm) 1 x FDD (30cm) 1 x PCI-E 6+2 pin (30cm) 2 x Molex (30cm) 4 x SATA (40cm)	USB: DC 5V (Max 2100mA)
PFC	Passive PFC	Passive PFC	-
Number 12V rails	2	2	-
ATX version	3.1	3.1	-
EPS version	2.92	2.92	-
Fourfold protection	Yes	Yes	Yes
Colour	Grey	Black	Silver/black
Fan	120mm	120mm	-
Smart fan control	Yes	Yes	-
Dimensions in mm (BxHxD)	150x85x140	150x85x140	71x150x71

Line Interactive UPS

Ewent Line Interactive UPS

A UPS supplies the connected equipment with an uninterrupted voltage so that a server, router or computer continues to function for a while in the event of a power failure. This allows the equipment to be securely closed. A UPS provides a more stable voltage and frequency, and offers better protection against voltage drop, short circuit, overload, voltage fluctuations and voltage peaks.

Type no.	EW3945	EW3946	EW3947
Description	UPS 600VA - 360W with 6 earthed sockets	UPS 600VA - 360W	UPS 800VA - 480W
Input voltage	230V~50/60Hz	230V~50/60Hz	230V~50/60Hz
Capacity	600VA (360W)	600VA (360W)	800VA/ (480W)
Mounting	Wall	-	-
Back-up time in minutes @ 120W load	10	10	20
Sound salarm	Yes	Yes	Yes
Led indicator	Yes	Yes	Yes
LCD display	No	No	No
Type F female earthed socket	6x	1x	1x
IEC C13	-	1x	1x
RS232	-	-	-
USB incl. software	-	-	-
IEC C14	1x	1x	1x
Cable	Detachable	Detachable	Detachable
AVR-function	Yes	Yes	Yes
4-fold protection: over temperature protection, over voltage protection, over current protection and short circuit protection	Yes	Yes	Yes
Dimensions (LxWxH) mm.	360x240x130	298x101x142	298x101x142

Eminent UPS

Type no.	EM3940	EM3941	EM3942
Description	UPS 600VA - 360W + USB	UPS 1000VA - 600W RS232 + USB	UPS 1500VA - 900W RS232 + USB
Input voltage	230V~50/60Hz	230V~50/60Hz	230V~50/60Hz
Capacity	600 VA (360W)	1000 VA (600W)	1500 VA (900W)
Mounting	-	-	-
Back-up time in minutes @ 120W load	15	50	60
Sound salarm	Yes	Yes	Yes
Led indicator	No	No	No
LCD display	Yes	Yes	Yes
Type F female earthed socket	1x	2x	2x
IEC C13	1x	2x	2x
RS232	-	1x	1x
USB incl. software	1x	1x	1x
IEC C14	-	-	1x
Cable	Fixed	Fixed	Detachable
AVR-function	Yes	Yes	Yes
4-fold protection: over temperature protection, over voltage protection, over current protection and short circuit protection	Yes	Yes	Yes
Dimensions (LxWxH) mm.	298x101x142	353x149x162	380x158x198

Ewent

Ewent power cubes

The Ewent Power Block socket allows you to connect 3 electrical devices and charge 3 USB devices at the same time. The USB ports together provide 2.4A and are equipped with over-current and short-circuit protection. The three sockets are equipped with child protection. Place the Power Block on your desk. The included adhesive pad ensures that the Power Block stays neatly in place. Turn all sockets and USB ports on or off at once with the luminous on/off switch.

Type no.	EW3938	EW3953	EW3939	EW3952
Description	PDU Cube 3x with 3 USB-charging ports, 1.5m	PDU Cube 3x with 3 USB-charging ports, 3m	PDU Cube 3x with 3 USB-charging ports, 1.5m	PDU Cube 3x with 3 USB-charging ports, 1.5m, (België)
Input connector	CEE 7/7 male	CEE 7/7 male	CEE 7/7 male	CEE 7/7 male
Socket type	Type F female	Type F female	Type F female	Type E female
Cable type	H05VV-F3G 1,5	H05VV-F3G 1,5	H05VV-F3G 1,5	H05VV-F3G 1,5
Max. load	230V AC / 16 A	230V AC / 16 A	230V AC / 16 A	230V AC / 16 A
Number of sockets	3	3	3	3
USB charging ports	3	3	3	3
USB output	2.4 A	2.4 A	2.4 A	2.4 A
Cable length (m)	1,5	3	1,5	1,5
Switching	Illuminated switch	Illuminated switch	Illuminated switch	Illuminated switch
Surge protection	-	-	-	-
Child protection	Yes	Yes	Yes	Yes
Extra	Including mounting pad	Including mounting pad	Including mounting pad	Including mounting pad
Colour	Black	Black	White	White

Ewent power strips

The Ewent sockets for connecting computers, audio/video equipment and other household appliances. The slim design fits in perfectly with the design of modern electronics. With these child-friendly sockets, you don't have to worry about a thing!

Type no.	EW3956	EW3951	EW3955	EW3954	EW4003, EW4005 EW4010
Description	Power strip 6x	Power strip 5x	Power strip 5x with flat plug	Power strips 5x with flat plug (Belgium)	Extension cord 3, 5 and 10 meter
Input connector	CEE 7/7 male	CEE 7/7 angled male	CEE 7/7 angled male	CEE 7/7 angled male	CEE 7/7 angled male
Socket type	Type F female	Type F female	Type F female	Type E female	Type F female
Cable type	H05VV-F3G 1,5	H05VV-F3G 1,5	H05VV-F3G 1,5	H05VV-F3G 1,5	H05VV-F3G 1,5
Max. load	250V AC / 16 A	230V AC / 16 A	230V AC / 16 A	230V AC / 16 A	250V AC / 16 A
Number of sockets	6	5	5	5	1
USB charging ports	-	-	-	-	-
USB output	-	-	-	-	-
Cable length (m)	3.0	1,5	1,5	1,5	EW4003: 3 meter EW4005: 5 meter EW4010: 10 meter
Switching	No	Illuminated switch	Illuminated switch	Illuminated switch	-
Surge protection	-	19500 A	-	-	-
Child protection	Yes	Yes	Yes	Yes	Yes
Extra	Outlets with 45 degree angle	Outlets with 45 degree angle	Outlets with 45 degree angle, with flat plug.	Outlets with 45 degree angle, with flat plug.	-
Colour	Black	Black	White	White	Black

PDU's with a unique design and a high functonaliteit

Allocacoc designs and innovates products to another level. With only a beautiful shape, we will not be able to make a difference. In addition to the design, the functionality of a product is an important part of the change process. Allocacoc wants to offer an optimal solution for the operational problems of existing products on the market through changes in design and functionality.

PowerCube

The ideal tool when there are too few power outlets nearby! At home, at the office, during a meeting or anywhere else, it is often difficult to find a free power outlet to charge your laptop, tablet or smartphone. Due to the compact design, the available power outlets are always accessible. The PowerCube extended series offers you the possibility to place a power socket wherever you want.

Allocacoc

PowerCube Extended

Technical specifications

Input connector : CEE 7/7 male
Socket type : Type F female
Cable type : H05VV-F3G1,00
Max. load : 230V AC / 16 A
Mounting : Mounting dock

Type no.	Manufacturer no.	Description
BN3000	1300RD/DEEXPC	Number of sockets: 5 sockets, Cable length 1.5 meter (white/red)
BN3046	1307/DEEXPC	Number of sockets: 5 sockets, Cable length 3.0 meter (white/red)

PowerCube Extended (Type E, Belgium)

Technical specifications

Input connector : CEE 7/7 male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A
Mounting : Mounting dock

Type no.	Manufacturer no.	Description
BN1021	6300RD/BEEXPC	Number of sockets: 4x BE/FR TYPE E, Cable length 1.5 meter (white/red)

PowerCube Extended USB

- Incl. 2 USB output (2.1A) for charching tablets and smartphones

Technical specifications

Input connector : CEE 7/7 male
Socket type : Type F female
Cable type : H05VV-F3G1,00
USB charging ports : 2
USB output : 2.10 A
Max. load : 230V AC / 16 A
Mounting : Mounting dock

Type no.	Manufacturer no.	Description
BN3001	1402GY/DEEUPC	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 1.5 meter (white/grey)
BN3056	1402GN/DEEUPC	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 1.5 meter (white/green)
BN3057	1402BL/DEEUPC	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 1.5 meter (white/blue)
BN3058	1402RD/DEEUPC	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 1.5 meter (white/red)
BN3047	1407/DEEUPC	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 3.0 meter (white/grey)

PowerCube Extended USB (Type E, Belgium)

- Incl. 2 USB output ports (2.1A) for charching tablets and smartphones

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type E female
Cable type	: H05VV-F3G 1,5
USB charging ports	: 2
USB output	: 2.10 A
Max. load	: 230V AC / 16 A
Mounting	: Mounting dock

Type no.	Manufacturer no.	Description
BN1022	6403GY/BEEUPC	Number of sockets: 3x BE/FR TYPE E, 2x USB 2.1, Cable length 1.5 meter (white/grey)
BN1025	6403GN/BEEUPC	Number of sockets: 3x BE/FR TYPE E, 2x USB 2.1, Cable length 1.5 meter (white/green)
BN1024	6403BL/BEEUPC	Number of sockets: 3x BE/FR TYPE E, 2x USB 2.1, Cable length 1.5 meter (white/blue)
BN1023	6403RD/BEEUPC	Number of sockets: 3x BE/FR TYPE E, 2x USB 2.1, Cable length 1.5 meter (white/red)

Remotely control your devices with your smartphone or tablet

Turn your home into a Smart Home by connecting all your devices to the Allocacoc PowerCube Smarthome. Devices connected to the PowerCube Smarthome can be set up and operated with the free Allocacoc Smart app (for Android and Apple). This app can also be used to control multiple PowerCube SmartHomes simultaneously.

With the PowerCube Smarthome, you can create an energy savings plan using the timers in the app. Or add multiple devices to a scenario, which you can apply at the touch of a button. Give family members or friends access to the Allocacoc Smart app so they too can control the PowerCube Smarthome.

Turn the PowerCube Smarthome on or off by commanding Alexa, Google Assistant or Tmall Genie compatible speaker.

PowerCube Extended SmartHome

- Remote control your devices at home from anywhere
- Create a custom power-saving plan by using the countdown and timing switches within the app
- Add multiple devices to a scenario, and execute these scenarios with the click of a button
- Voice controlled by Amazon® Alexa, Google Assistant of Tmall Genie compatible speaker

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch, Remote
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN1019	10753/DEEXSH	Number of sockets: 4 sockets, Cable length 1.5 meter (white/grey),Type F (NL)
BN1020	10900/FREXSH	Number of sockets: 4 sockets, Cable length 1.5 meter (white/grey), Type E (BE)

PowerCube Monitor

The PowerCube Monitor easily displays the energy consumption. The information is shown in Euros up to 4 decimals.
With a single press on the display, all connected devices switch on / off and thereby help to save energy.
Due to the design, the sockets remain available even when using large adapters.

PowerCube Extended Monitor

- Monitors your energy consumption in kWh

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Switch
Power metering	: Amperemeter
Max. load	: 230V AC / 16 A
Mounting	: Mounting dock

Type no.	Manufacturer no.	Description
BN1001	8910/DEEXMO	Number of sockets: 4 sockets, Cable length 1.5 meter (white/grey), Type F (NL)
BN1002	8920/FREXMO	Number of sockets: 4 sockets, Cable length 1.5 meter (white/grey), Type E (BE)

PowerCube Rewirable

Whizz around the world (with PowerCube) with no worries about adaptors and charging your devices, the set of additional TravelPlugs included covers frequently traveled destinations.

PowerCube ReWirable USB

- Incl. 3 TravelPlugs geshikt voor: USA, UK en Australie
- Incl. 2 USB output (2.1A) for charching tablets and smartphones

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type F female
Cable type	: H05VV-F3G1,00
USB charging ports	: 2
USB output	: 2.10 A
Max. load	: 230V AC / 6 A

Type no.	Manufacturer no.	Description
BN1026	1811GY/DERU3P	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 1.0 meter (white/grey)
BN3051	1811/DERU3P	Number of sockets: 4 sockets, 2x USB 2.1, Cable length 1.0 meter (white/purple)

PowerBank Slim, grey

- Re-charge your PowerBank and phone with just one cable through a Lightning or Micro-USB port
- Shake to check battery level color coded light indicator
- LED Indicator battery: Red (0-33%), Yellow (34% -66%), Green (67% -100%)

Technical specifications

Max. capacity battery	: 5000 MAh
USB ports	: 1
Output current	: 2 A
Charging port 1	: Lightning
Charging port 2	: Micro-usb
Input voltage	: 5 V
Weight	: 125 g
Colour	: Grey

Type no.	Manufacturer no.	Description
BN1009	10528GY/PWBK50	USB Powerbank 5000 mAh, colour grey

Kaiser

Kaiser Heavy Duty PDU with Switch

- High quality and very robust.
- Full solid PVC enclosure.

Technical specifications

Cable length	: 3 m
Brand	: Kaiser
Outlets	: Type F
Switch	: Yes (illuminated)
Cable type	: H05 VV-F3x 1,5 mm² (VMvL) with moulded angled plug

Type no.	Manufacturer no.	Description
RA1060	1001/ 6ZL NR639	Kaiser Heavy Duty PDU with Switch, 6x Type F sockets
RA1080	1001/ 8ZL NR639	Kaiser Heavy Duty PDU with Switch, 8x Type F sockets
RA1100	1001/10ZL NR639	Kaiser Heavy Duty PDU with Switch, 10x Type F sockets
RA1120	1001/12ZL NR639	Kaiser Heavy Duty PDU with Switch, 12x Type F sockets

Kaiser PDU (Type E)

- Solid PVC profile.
- The PDU must have a ground pin for use in Belgium.

Technical specifications

Cable length	: 3 m
Brand	: Kaiser
Outlets	: Grounded Type E French/Belgian
Switch	: Yes (illuminated)
Cable type	: H05 VV-F3x 1,5 mm² (VMvL) with moulded angled plug

Type no.	Manufacturer no.	Description
RB1040	1016K ZL4I-SW	Kaiser PDU Belgium 4x Type E sockets
RB1060	1016K ZL6I-SW	Kaiser PDU Belgium 6x Type E sockets
RB1080	1016K ZL8I-SW	Kaiser PDU Belgium 8x Type E sockets
RB1100	1016K ZL10I-SW	Kaiser PDU Belgium 10x Type E sockets

Kaiser PDU for 19" Mounting

- Full solid PVC enclosure.

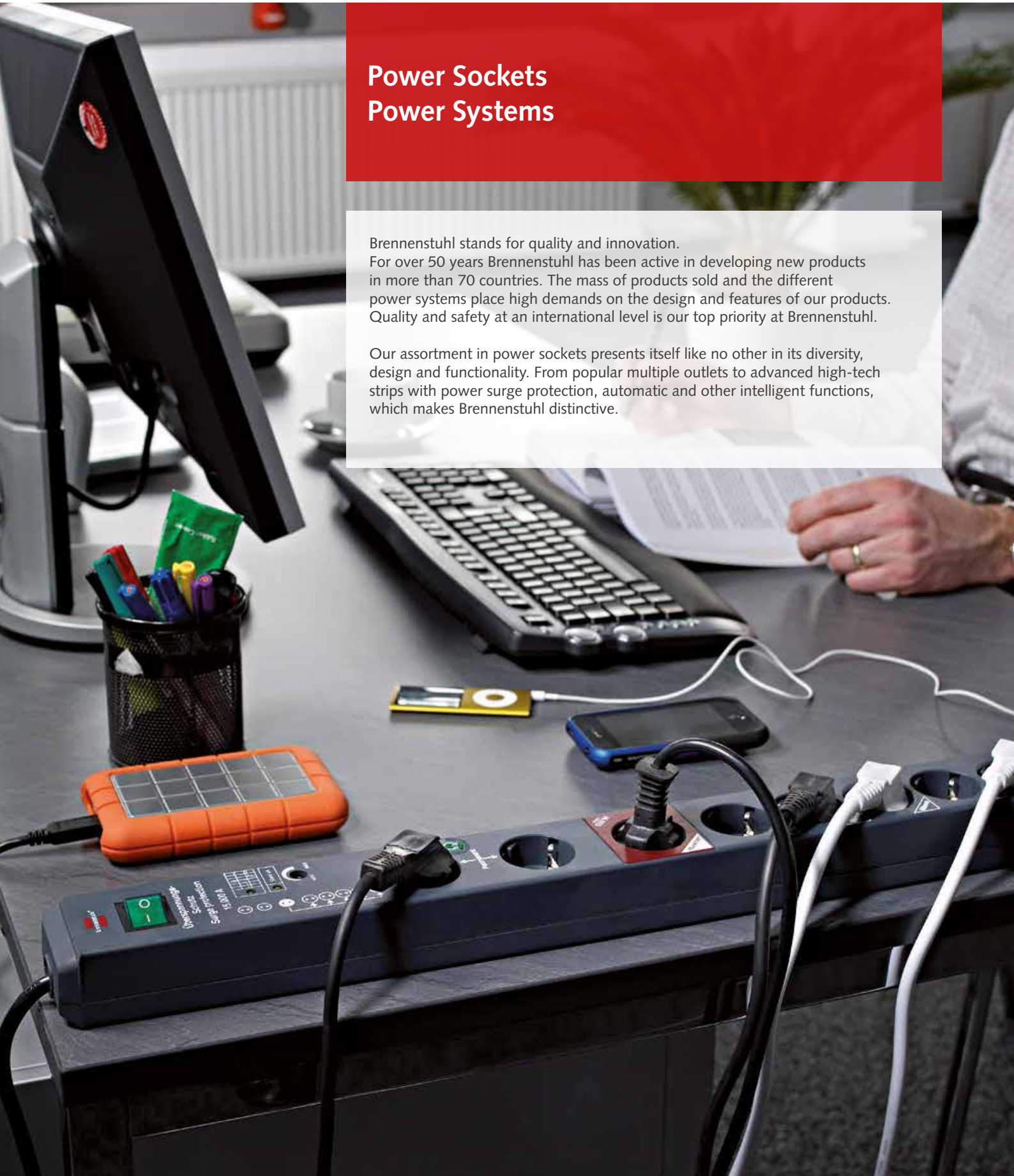
Technical specifications

Cable length	: 3 m
Brand	: Kaiser
Mounting	: 19 inch
Outlets	: Type F
Switch	: Yes (illuminated)
Cable type	: H05 VV-F3x 1,5 mm² (VMvL) with moulded angled plug

Type no.	Manufacturer no.	Description
RA1065	1001/6-19 ZL639	Kaiser PDU for 19" Mounting, 6x Type F sockets

brennenstuhl®

_ smart technology.



Power Sockets
Power Systems

Brennenstuhl stands for quality and innovation.
For over 50 years Brennenstuhl has been active in developing new products in more than 70 countries. The mass of products sold and the different power systems place high demands on the design and features of our products. Quality and safety at an international level is our top priority at Brennenstuhl.

Our assortment in power sockets presents itself like no other in its diversity, design and functionality. From popular multiple outlets to advanced high-tech strips with power surge protection, automatic and other intelligent functions, which makes Brennenstuhl distinctive.

Brennenstuhl

Without surge protection

Brennenstuhl Eco-Line PDU, black

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3005	1158620015	Number of sockets: 3 sockets, Cable length 1.5 meter
BN1046	1159400015	Number of sockets: 6 sockets, Cable length 1.5 meter

Brennenstuhl Eco-Line PDU, black (Type E)

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3038	1157504	Number of sockets: 3 sockets BE/FR TYPE E, Cable length 1.5 meter
BN3063	1157504130	Number of sockets: 3 sockets BE/FR TYPE E, Cable length 3.0 meter

Brennenstuhl Eco-Line PDU, white

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3004	1158610015	Number of sockets: 3 sockets, Cable length 1.5 meter
BN3006	1159420015	Number of sockets: 6 sockets, Cable length 1.5 meter

Brennenstuhl Eco-Line PDU with switch, black

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3021	1152300015	Number of sockets: 3 sockets, Cable length 1.5 meter
BN3061	1152900	Number of sockets: 3 sockets, Cable length 5.0 meter
BN1056	1159500015	Number of sockets: 6 sockets, Cable length 1.5 meter
BN3205	1159500400	Number of sockets: 6 sockets, Cable length 3.0 meter
BN3023	1159300018	Number of sockets: 8 sockets, Cable length 3.0 meter
BN3024	1159300010	Number of sockets: 10 sockets, Cable length 3.0 meter

Brennenstuhl Eco-Line PDU with switch, white

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3022	1152320015	Number of sockets: 3 sockets, Cable length 1.5 meter
BN3062	1152920	Number of sockets: 3 sockets, Cable length 5.0 meter
BN3008	1159520015	Number of sockets: 6 sockets, Cable length 1.5 meter

Brennenstuhl Desktop PDU, USB Charger, black

- Incl. 2 USB output (2.1A) for charching tablets and smartphones

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
USB output	: 2.10 A
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3079	1153500222	Number of sockets: 2 sockets, 2x USB 2.1, Cable length 1.8 meter

Brennenstuhl Bremounta PDU with switch, black

- Ideal opportunity to mount the extension socket
- Mounting is easy by using the 4 points-of-contact design
- With widely spaced sockets positioned at a 90° angle

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A
Mounting	: Mounting dock

Type no.	Manufacturer no.	Description
BN3086	1150650316	Number of sockets: 6 sockets, Cable length 3.0 meter

Brennenstuhl Bremounta PDU with switch, white

- Ideal opportunity to mount the extension socket
- Mounting is easy by using the 4 points-of-contact design
- With widely spaced sockets positioned at a 90° angle

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A
Mounting	: Mounting dock

Type no.	Manufacturer no.	Description
BN3087	1150650326	Number of sockets: 6 sockets, Cable length 3.0 meter, white

Brennenstuhl Super Solid-Line PDU with switch

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3025	1153380115	Number of sockets: 5 sockets, Cable length 2.5 meter

Brennenstuhl Alu Office-Line PDU with switch

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3026	1394000414	Number of sockets: 4 sockets, Cable length 1.8 meter

Brennenstuhl Premium-Line PDU with switch

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN1014	1951140100	Number of sockets: 4 sockets, Cable length 1.8 meter
BN1016	1951160100	Number of sockets: 6 sockets, Cable length 3.0 meter
BN1017	1951560101	Number of sockets: 6 sockets, Cable length 5.0 meter (black/grey)
BN1018	1951180100	Number of sockets: 8 sockets, Cable length 3.0 meter
BN1110	1951100100	Number of sockets: 10 sockets, Cable length 3.0 meter

Brennenstuhl Premium-Line PDU with switch (Type E)

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3039	1951164600	Number of sockets: 6x BE/FR TYPE E, Cable length 3.0 meter
BN3040	1951104600	Number of sockets: 10x BE/FR TYPE E, Cable length 3.0 meter

Brennenstuhl Premium Duo Alu-Line PDU with switch

- Special double socket arrangement for mains adapters

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3083	1391000908	Number of sockets: 8 sockets, Cable length 3.0 meter
BN3084	1391000912	Number of sockets: 12 sockets, Cable length 3.0 meter
BN3085	1391000916	Number of sockets: 16 sockets, Cable length 3.0 meter

Brennenstuhl Tower Power USB PDU with switch

- Can be recessed into the desktop
- Incl. 2 USB output (2.1A) for charching tablets and smartphones

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
USB charging ports	: 2
USB output	: 2.10 A
Max. load	: 230V AC / 16 A
Mounting	: Mounting dock

Type no.	Manufacturer no.	Description
BN3054	1396200013	Number of sockets: 3 sockets, 2x USB, Cable length 2.0 meter

Brennenstuhl Comfort-Line Cable Box

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN2134	1109230	Number of sockets: 4 sockets, cable length 3 meter

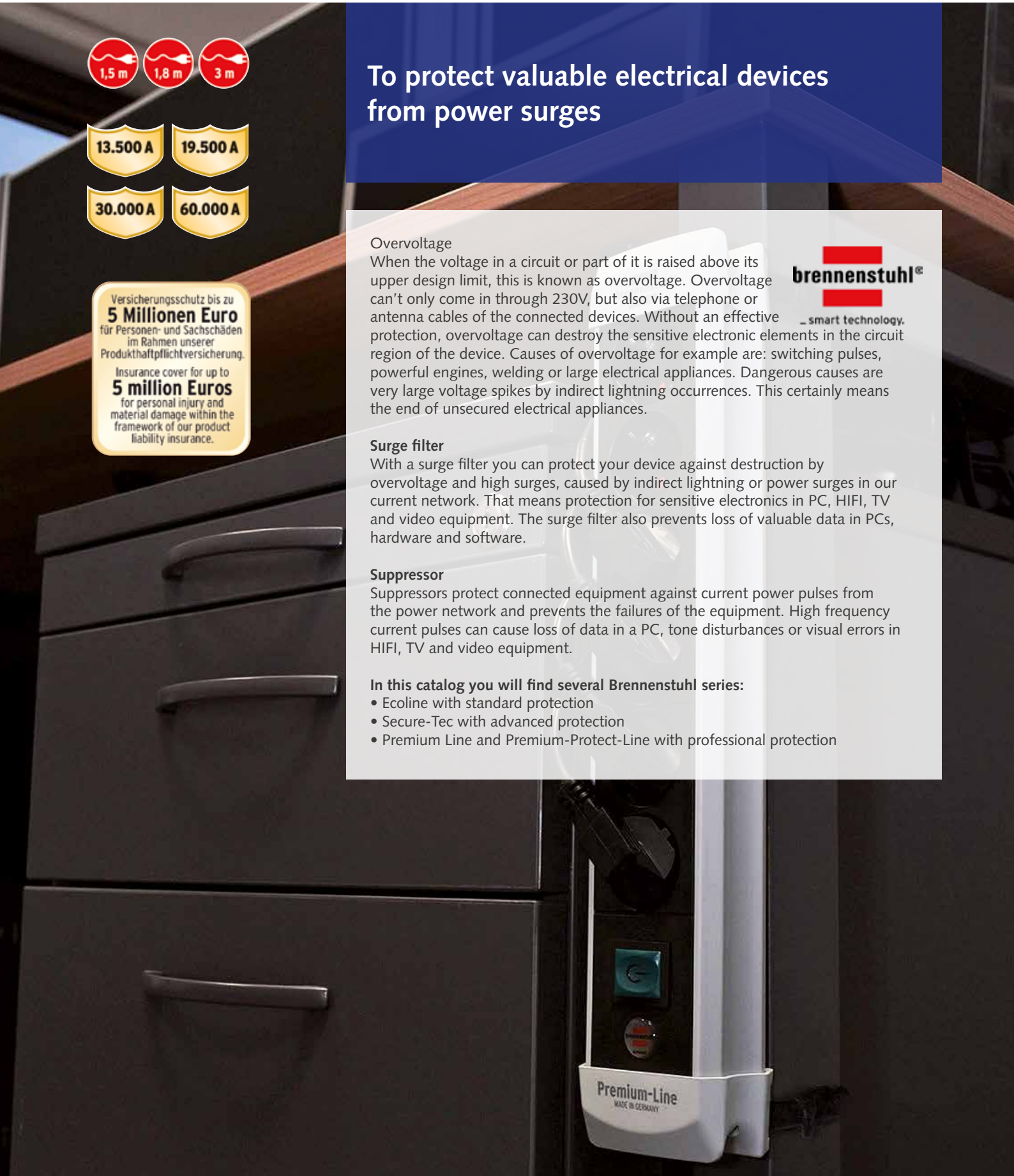
Brennenstuhl Vario-Line Cable Box

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3028	1093200	Number of sockets: 4 sockets, Cable length 10 meter

Brennenstuhl against power surges



To protect valuable electrical devices from power surges

brennenstuhl®
_ smart technology.

Overvoltage
When the voltage in a circuit or part of it is raised above its upper design limit, this is known as overvoltage. Overvoltage can't only come in through 230V, but also via telephone or antenna cables of the connected devices. Without an effective protection, overvoltage can destroy the sensitive electronic elements in the circuit region of the device. Causes of overvoltage for example are: switching pulses, powerful engines, welding or large electrical appliances. Dangerous causes are very large voltage spikes by indirect lightning occurrences. This certainly means the end of unsecured electrical appliances.

Surge filter
With a surge filter you can protect your device against destruction by overvoltage and high surges, caused by indirect lightning or power surges in our current network. That means protection for sensitive electronics in PC, HIFI, TV and video equipment. The surge filter also prevents loss of valuable data in PCs, hardware and software.

Suppressor
Suppressors protect connected equipment against current power pulses from the power network and prevents the failures of the equipment. High frequency current pulses can cause loss of data in a PC, tone disturbances or visual errors in HIFI, TV and video equipment.

In this catalog you will find several Brennenstuhl series:
- Ecoline with standard protection
- Secure-Tec with advanced protection
- Premium Line and Premium-Protect-Line with professional protection

With surge protection

Brennenstuhl Eco-Line PDU with surge protection

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 13500 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3017	1158810315	Number of sockets: 3 sockets, Cable length 1.5 meter
BN3073	1159710515	Number of sockets: 6 sockets, Cable length 5.0 meter

Brennenstuhl Secure-Tec PDU with surge protection (Type E)

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 19500 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3041	1159541376	Number of sockets: 6x BE/FR TYPE E, Cable length 3.0 meter

Brennenstuhl Secure-Tec PDU with surge protection

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 19500 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3018	1159540366	Number of sockets: 6 sockets, Cable length 2.0 meter

Brennenstuhl Secure-Tec PDU with surge protection, master/Slave

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 19500 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3019	1159490936	Number of sockets: 8 sockets (1x master, 5x slaves, 2x constantly), Cable length 3.0 meter

Brennenstuhl Premium-Line PDU with surge protection

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 30000 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3020	1155000374	Number of sockets: 4 sockets, Cable length 1.8 meter
BN1006	1156000396	Number of sockets: 6 sockets, Cable length 3.0 meter

Brennenstuhl Premium-Line PDU with surge protection (Type E)

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 30000 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3042	1156004826	Number of sockets: 6x BE/FR TYPE E, Cable length 3.0 meter

Brennenstuhl Premium-Protect-Line PDU with surge protection

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 60000 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3013	1391000604	Number of sockets: 4 sockets, Cable length 3.0 meter
BN3015	1391000608	Number of sockets: 8 sockets, Cable length 3.0 meter

Brennenstuhl Premium-Protect-Line PDU with surge protection (Type E)

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Switching : Illuminated switch
Surge protection : 60000 A
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3043	1391004607	Number of sockets: 6x BE/FR TYPE E

Power inverters

Brennenstuhl Travel Plug Set 7 Pieces

- Easy and safe to use.
- DE, ITA, AUS, UK, ZAF, CH and USA.

Technical specifications

Input connector : CEE 7/7 male
Socket type : Type F female
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN1010	1508160	Travel set, 7 adapters World to Europe

Brennenstuhl Travel Adapter Europe to GB

- Adapter enabling electrical equipment using the European plug system
- Countries such as: Great Britain, Ireland, Malta, Malaysia & Singapore

Technical specifications

Input connector : UK power (type G)
Socket type : Type G female
Max. load : 250V AC / 13 A

Type no.	Manufacturer no.	Description
BN8076	1508533	Travel adapter Europe to GB

Brennenstuhl Travel Adapter GB to Europe

- Adapter enabling electrical equipment using the British plug system
- To be used in countries using an earthed socket

Technical specifications

Input connector : CEE 7/7 male
Socket type : Type F female
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3035	1508530	Travel adapter GB to Europe

Brennenstuhl Travel Adapter USA/Japan to Europe

- Adapter enabling electrical equipment using the USA and Japanese plug system
- To be used in countries using an earthed socket

Technical specifications

Input connector : CEE 7/7 male
Socket type : Type F female
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3036	1508520	Travel adapter, USA / Japan to Europe

Brennenstuhl Smart Plug

- Operate electrical devices via smartphone or tablet

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type F female
Switching	: Remote
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3271	1294850	Brennenstuhl Smart Plug

Brennenstuhl Smart Plug IP44

- Operate electrical devices via smartphone or tablet
- Suitable for use outside of IP44

Technical specifications

Input connector	: CEE 7/7 male
Socket type	: Type F female
Switching	: Remote
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
BN3272	1294860	Brennenstuhl Smart Plug IP44

Power PDU's advice

Which PDU is the best for you

What is the difference between a basic and an intelligent PDU and why is choosing the right PDU so important?
A basic PDU is a power supply that can be horizontal and vertical mounted in a 19 "cabinet. Basic PDU's from Plenty are easy to use and can even be custom-made in small series. Compared with intelligent PDU's the purchase- and installation costs are relatively low.

The Plenty Aluminium PDU's are modular and can be provided with one or more multiple monitoring or security modules, such as an Ampere meter and vending machine. Intelligent PDU's offer more than just power, think of remote power metering and switching, environmental sensors, physical and network security, data centre infrastructure management and more.

Intelligent PDU's split into the following subcategories:
a) Unit metered PDU's
- Measure the power consumption of the entire PDU

b) Unit metered & outlet switched PDU's
- Measure the entire PDU and switches on and off per port

c) Outlet metered & outlet switched PDU's
- Measure and switch on and off per port

d) Rack transfer switch
- Switches seamlessly between two power sources

PDU management

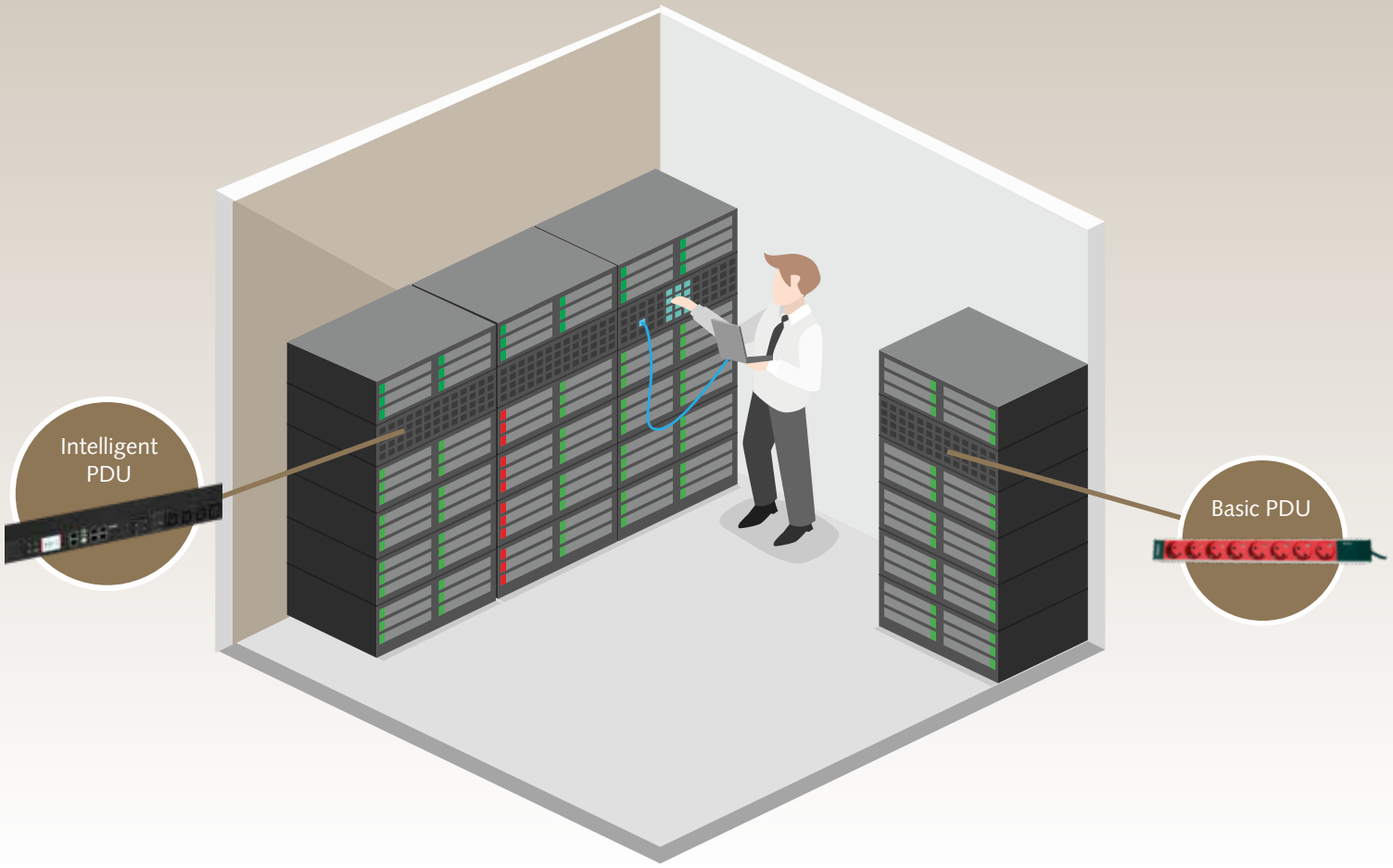
Capacity management

Energy management

Power management

Environment management

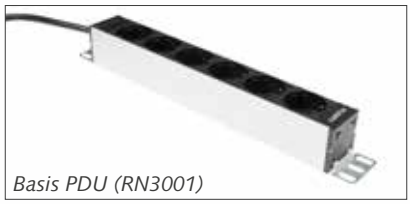
Security management



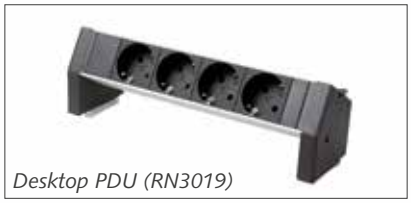
PLENTY

Suitable PDU for every application

Basic PDU's
Plenty power stations (also known as Power Distribution Units or PDU's) are designed for horizontal or vertical mounting in 19 "data racks.
- Standard power cord (length 3m)
- Includes universal mounting brackets

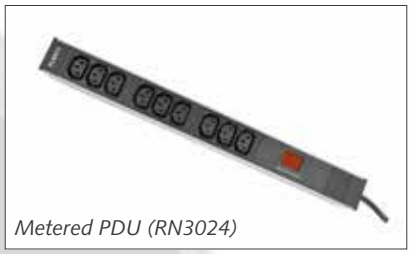

Basis PDU (RN3001)

Desktop PDU's
Desk-Top serie is designed to be placed on top of a desk. The PDU's doesn't take up much space on your desk and are easy to attach with table clamps and can be moved without damaging the desk.
Each workplace sets its own needs for power and data. Our Plenty Desk Series offer a complete program products which are always available. All types of office units have a robust aluminum housing. The Type F outputs are safe for children. Thanks to the modular system 230V and data connections can be combined in one PDU.


Desktop PDU (RN3019)

Features:
- For use up to 16A/250V
- With Prolink input
- Cat6 Data versins with RJ 45 Keystone
- Female-Female connection or 3m cable

Metered PDU's
Versions with this module provide an overview of the total power consumption. This allows you to quickly check the rack load. This prevents overloading.
- 16 / 32A, single & 3 phase. All 32A PDU's have 16A thermal fuses
- Ampere meter
- Standard power cord length 3m
- Includes mounting brackets


Metered PDU (RN3024)

Plenty

Plenty product overview PDU'S

Basic PDU's and intelligent PDU's

PLENTY

- ✓ Metal housing
- ✓ Custom made PDU's available
- ✓ Designed for horizontal or vertical mounting
- ✓ Comes with universal bra
- ✓ Also available international PDU's

Basic PDU's

Type no.	Length	Type of plug	number and type of outlets	Montage	Comments/Specifics
RN3000	3 m	CEE 7/7 angled male	4 X type F (CEE 7/4)	19" (vertical)	
RN3001	3 m	CEE 7/7 angled male	6 X type F (CEE 7/4)	19" (vertical)	
RN3016	3 m	CEE 7/7 angled male	6 X type F (CEE 7/4)	19" (horizontal vertical)	Surge protection
RN3021	3 m	CEE 7/7 angled male	6 X type F (CEE 7/4)	19" (horizontal vertical)	16 A circuitbreaker
RN3025	3 m	CEE 7/7 angled male	6 X type F (CEE 7/4)	19" (horizontal vertical)	Current meter
RN3005	3 m	CEE 7/7 angled male	8 X type F (CEE 7/4)	19" (horizontal vertical)	Switch
RN3004	3 m	C14 (UPS plug)	8 X type F (CEE 7/4)	19" (horizontal vertical)	Red outlets
RN3022	3 m	CEE 7/7 angled male	8 X C13 IEC Lock	19" (horizontal vertical)	Lockable outlets
RN3002	3 m	CEE 7/7 angled male	9 X type F (CEE 7/4)	19" (horizontal vertical)	
RN3023	3 m	CEE 7/7 angled male	9 X type E (penaarde)	19" (horizontal vertical)	
RN3062	4 m	60309 2P+E	9 X type F (CEE 7/4)	19" (horizontal vertical)	
RN3024	3 m	CEE 7/7 angled male	9 X C13	19" (horizontal vertical)	Current meter
RN3031	2,5 m	CEE 7/7 angled male	9 X C13, 3 X type F (CEE 7/4)	19" (horizontal vertical)	
RN3003	3 m	CEE 7/7 angled male	12 X type F (CEE 7/4)	19" (vertical)	
RN3035	3 m	CEE 7/7 angled male	12 X type F (CEE 7/4)	19" (vertical)	Current meter
RN3030	2,5 m	CEE 7/7 angled male	12 X C13	19" (horizontal vertical)	
RN3053	3 m	60309 2P+E	12 X C13	19" (horizontal vertical)	Current meter
RN3028	3 m	C20	12 X C13	19" (horizontal vertical)	
RN3070*		Prolink GST18 inlet & outlet	4 X type F & 6 X C13	19" (horizontal vertical)	Flexible system (daisy chain)

**The RN3070 is a modular solution where multiple units can be connected to each other. In combination with an intelligent PDU, the RN3070 is an excellent solution for your data center. You determine the length of the power cables yourself.*

Plenty

PDU

Plenty PDU with Type F sockets

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A

Type no.	Manufacturer no.	Description
RN3000	PLA206-4	Number of sockets: 4 sockets, cable length: 3.00 m
RN3001	PLA290-6	Number of sockets: 6 sockets, cable length: 3.00 m
RN3002	PLA416-9	Number of sockets: 9 sockets, cable length: 3.00 m
RN3003	PLA584-12	Number of sockets: 12 sockets, cable length: 3.00 m

Plenty PDU 16 A, 9 x (Type E)

- 19 inch PDU

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type E female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A
Included : Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3023	PLA416-9PA	Plenty PDU 16 A, 9 x Type E Belgium sockets, cable length: 3.00 m

Plenty PDU with Interference Filter and Surge Protection

- with surge protection

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : Type F female
Cable type : H05VV-F3G 1,5
Max. load : 230V AC / 16 A
Included : Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3016	PLA416-7OSB	Plenty PDU with surge protection, 7x Type F sockets, cable length: 2.50 m

Plenty PDU with 12 x C13 Sockets

Technical specifications

Input connector : CEE 7/7 angled male
Socket type : C13 female
Cable type : H05VV-F3G 1,5 mm²
Max. load : 230V AC / 16 A
Included : Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3030	PLA435-12C13P	Plenty PDU with 12 x C13 Sockets, cable length: 2.50 m

Plenty PDU with 9 x C13 Sockets and 3 x Type F sockets

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: C13 female, Type F female
Cable type	: H05VV-F3G 1,5 mm²
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3031	PLA435-9-3P	Plenty PDU with 9 x C13 Sockets and 3 x Type F sockets, cable length: 2.50 m

Plenty PDU 16A, 8 x C13 lockable sockets

- Unique female C13 socket with lock.
- Protects against accidental disconnection of computers, servers and most electrical appliances!
- Protects appliances that are vulnerable to vibration

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: C13 lockable female
Cable type	: H05VV-F3G 1,5 mm²
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3022	PLA435-8LOCK	Plenty PDU 16A, 8 x C13 lockable sockets, cable length: 3.00 m

Plenty PDU with C14 UPS Plug and 8 x Type F sockets

- Red Type F sockets for behind UPS

Technical specifications

Input connector	: C14 male
Socket type	: Type F female
Cable type	: H05VV-F3G1,00 mm²
Max. load	: 230V AC / 10 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3004	PLA416-8RC14	Plenty PDU with C14 UPS Plug and 8 x Type F sockets, cable length: 3.00 m

Plenty PDU C20 plug to 12x C13 Sockets

Technical specifications

Input connector	: C20 male
Socket type	: C13 female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3028	PLA435-12C13-C20	Plenty PDU C20 plug to 12x C13 Sockets, cable length: 3.00 m

Plenty PDU with 9 x Type F sockets

Technical specifications

Input connector	: CEE Blue male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
RN3062	PLA416-9-4CEE	Plenty PDU with 9 x Type F sockets, cable length: 3.00 m

Plenty PDU with Switch and 8 x Type F sockets

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Switching	: Illuminated switch
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3005	PLA416-8S	Plenty PDU with Switch and 8 x Type F sockets, cable length: 2.50 m

Plenty 19" PDU with Circuit Break

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5 mm²
Max. load protection	: 16 A circuitbreaker
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3021	PLA416-6Z16	Plenty 19" PDU with Circuit Break, 6x Type F sockets, cable length: 2.50 m

Prolink PDU's

Prolink Desktop PDU 2x Type F with 2x empty module

- Expandable with CAT6 RJ45, USB, HDMI, VGA and Audio jack modules.
- For use up to 250 V AC / 16 A.
- Equipped with 60 cm prolink male cable
- For powercords see RN3073 till RN3081

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A
Mounting	: Desk clamps
Included	: Blank modul cover (2x), clamps and screws.

Type no.	Manufacturer no.	Description
BN3217	PDS7022	Prolink Desktop PDU 2x Type F with 2x empty module, cable length: 0.60 m

Prolink Desktop PDU 3x Type F with 2x empty module

- Expandable with CAT6 RJ45, USB, HDMI, VGA and Audio jack modules.
- For use up to 250 V AC / 16 A.
- Equipped with 60 cm prolink male cable
- For powercords see RN3073 till RN3081

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A
Included	: Blank modul cover (2x), clamps and screws.

Type no.	Manufacturer no.	Description
BN3219	PDS7032	Prolink Desktop PDU 3x Type F with 2x empty module, cable length: 0.60 m

Prolink Desktop PDU 2x Type F with 2x USB charger and empty module

- Expandable with CAT6 RJ45, USB, HDMI, VGA and Audio jack modules.
- For use up to 250 V AC / 16 A.
- Equipped with 60 cm prolink male cable
- For powercords see RN3073 till RN3081

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
USB charging ports	: 2
USB output	: 2.00 A
Max. load	: 230V AC / 16 A
Included	: Blank modul cover, clamps and screws.

Type no.	Manufacturer no.	Description
BN3218	PDS7021	Prolink Desktop PDU 2x Type F with 2x USB charger and empty module, cable length: 0.60 m

Prolink Desktop PDU 3x Type F with 2x USB charger and empty module

- For use up to 16A / 250V
- For use up to 250 V AC / 16 A.
- Equipped with 60 cm prolink male cable
- For powercords see RN3073 till RN3081

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
USB charging ports	: 2
USB output	: 2.00 A
Max. load	: 230V AC / 16 A
Mounting	: Desk clamps
Included	: Blank modul cover, clamps and screws.

Type no.	Manufacturer no.	Description
BN3186	PDS7031	Prolink Desktop PDU 3x Type F with 2x USB charger 2A and empty module, cable length: 0.60 m

Prolink Desktop PDU 3x Type F with 2x USB charger and 2x empty module

- Expandable with CAT6 RJ45, USB, HDMI, VGA and Audio jack modules.
- For powercords see RN3073 till RN3081
- For use up to 250 V AC / 16 A.
- Equipped with 60 cm prolink male cable
- For powercords see RN3073 till RN3081

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5
USB charging ports	: 2
USB output	: 2.00 A
Max. load	: 230V AC / 16 A
Included	: Blank modul cover (2x), clamps and screws.

Type no.	Manufacturer no.	Description
BN3227	PDS7033	Prolink Desktop PDU 3x Type F with 2x USB charger and 2x empty module, cable length: 0.60 m

2 ports CAT6 module for desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Connector A	: RJ45 female (x2)
Connector B	: RJ45 female (x2)
Housing material	: Plastic

Type no.	Manufacturer no.	Description
BN3187	PDS072	2 ports CAT6 module for desktop power distribution unit

2 ports frame module for desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Housing material	: Plastic

Type no.	Manufacturer no.	Description
BN3220	PDS080-2	2 ports frame module for desktop power distribution unit

CAT6 Keystone coupler for Plenty desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Connector A	: RJ45 female (x1)
Connector B	: RJ45 female (x1)
Housing material	: Plastic
Shielded	: No
Category	: CAT6
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
BN3221	PDS081	Keystone CAT6 UTP coupler for Plenty PDU

HDMI Keystone coupler for Plenty desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Connector A	: HDMI A (full-size) female (x1)
Connector B	: HDMI A (full-size) female (x1)
Housing material	: Plastic

Type no.	Manufacturer no.	Description
BN3222	PDS083	HDMI Keystone coupler for Plenty desktop power distribution units

VGA module for desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Connector A	: VGA HD D-sub 15-pin female (x1)
Connector B	: VGA HD D-sub 15-pin female (x1)
Housing material	: Plastic
Locking	: Thumbscrew

PLENTY

Type no.	Manufacturer no.	Description
BN3224	PDS074	VGA module for desktop power distribution unit

Audio jack module for desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Connector A	: 3,5 mm jack female (x1)
Connector B	: RCA female (x2)
Housing material	: Plastic

PLENTY

Type no.	Manufacturer no.	Description
BN3225	PDS075	Audio jack module for desktop power distribution unit

USB 3.0 Keystone for desktop power distribution unit

- Extension module for Plenty power distribution unit.

Technical specifications

Connector A	: USB A female (x1)
Connector B	: USB A female (x1)
Housing material	: Plastic

PLENTY

Type no.	Manufacturer no.	Description
BN3223	PDS084	USB 3.0 Keystone for desktop power distribution unit

Prolink Desktop PDU Type F

- For connection cables see RN3075, RN3076, RN3081.

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Max. load	: 230V AC / 16 A
Mounting	: Desk clamps
Included	: Desk clamps (max. 40mm)
Dimensions (LxWxH)	: 170 x 70 x 90 mm
Enclosure	: Aluminium, anodised.

PLENTY

Type no.	Manufacturer no.	Description
RN3017	PDS5008	Prolink Desktop PDU 2xType F
RN3018	PDS5009	Prolink Desktop PDU 3xType F
RN3019	PDS5010	Prolink Desktop PDU 4xType F

Prolink Desktop PDU Type F

- Coupling through prolink female output

PLENTY

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5 mm²
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3006	PLB202-3	Prolink Desktop PDU 3x Type F
RN3007	PLB244-4	Prolink Desktop PDU 4x Type F
RN3008	PLB412-8	Prolink Desktop PDU 8x Type F

Prolink PDU with 6x Type F

- For connection cables see RN3075, RN3076, RN3081.
- Couple possibility through Prolink female output

PLENTY

Technical specifications

Input connector	: Prolink male
Socket type	: Type F female
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
RN3072	PLB328-6	Prolink PDU with 6x Type F

Prolink PDU with 4x Type F and 6x C13

- Universal mouting brackets
- For connection cables, see RN3075, RN3076, RN3077

PLENTY

Technical specifications

Input connector	: Prolink male
Socket type	: C13 female, Type F female
Max. load	: 230V AC / 16 A

Type no.	Manufacturer no.	Description
RN3070	PLA435-6-4GST	Prolink PDU with 4x Type F and 6x C13

Prolink Desktop PDU (Type E)

- Coupling through prolink female output

PLENTY

Technical specifications

Input connector	: Prolink male
Socket type	: Type E female
Cable type	: H05VV-F3G 1,5
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3009	PLB202-3PA	Prolink Desktop PDU Belgium, 3x Type E
RN3011	PLB244-4PA	Prolink Desktop PDU Belgium, 4x Type E

Prolink - CEE 16A/230V Cable

Technical specifications

Connector A	: Prolink female (x1)
Connector B	: IEC 60309 2P+E straight male (x1
Conductor material	: Copper
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Rated current	: 16.00 A
Rated voltage	: 250.00 V
Approval	: KEMA, VDE

Type no.	Manufacturer no.	Description
RN3077	1805-30	Prolink - CEE 16A/230V Cable 3.00 m

Prolink - CEE 7/7 Cable

Technical specifications

Connector A	: CEE 7/7 angled male (x1)
Connector B	: Prolink female (x1)
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Rated current	: 16.00 A
Rated voltage	: 250.00 V

Type no.	Manufacturer no.	Description
RN3078	1765-20	2 metre Prolink - CEE 7/7 cable
RN3079	1765-30	3 metre Prolink - CEE 7/7 cable
RN3080	1765-40	4 metre Prolink - CEE 7/7 cable
RN3081	1765-50	5 metre Prolink - CEE 7/7 cable

Prolink Jumpercord

Technical specifications

Connector A	: Prolink male (x1)
Connector B	: Prolink female (x1)
Number of wires	: 3
Wire gauge (mm²)	: 1.50 mm²
Outer jacket	: PVC
Cable colour	: Black
Rated current	: 16.00 A
Rated voltage	: 250.00 V

Type no.	Manufacturer no.	Description
RN3073	1774-05	Prolink Jumpercord 0,50 m
RN3074	1774-10	Prolink Jumpercord 1,00 m
RN3075	1774-20	Prolink Jumpercord 2,00 m
RN3076	1774-40	Prolink Jumpercord 4,00 m

PDU's with Current meter

Plenty PDU 16A, 9 x C13 + Current Meter

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: C13 female
Cable type	: H05VV-F3G 1,5 mm²
Power metering	: Amperemeter
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3024	PLA416-9CM	Plenty PDU 16A, 9 x C13 + Current Meter, cable length: 3.00 m

Plenty PDU 16A 6 x Type F + Current meter

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5 mm²
Power metering	: Current meter
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3025	PLA416-6CM	Plenty PDU 16A 6 x Type F + Current meter, cable length: 3.00 m

Plenty PDU with 2-digit Ampère Indicator

Technical specifications

Input connector	: CEE 7/7 angled male
Socket type	: Type F female
Cable type	: H05VV-F3G 1,5 mm²
Power metering	: Current meter
Max. load	: 230V AC / 16 A
Included	: Universal mouting brackets

Type no.	Manufacturer no.	Description
RN3035	PLH1182-12CM	Plenty PDU met 2-digit Ampèremeter, 12x Type F, cable length: 3.00 m

UPS PDU's

Automatic Transfer switch 5 x C13+1 x C19 lock

The Automatic Transfer Switch switches between two power sources. If the main power source falls out, power source B takes over. When main power source A reactivates, it will take over again.
Important: Power sources must be in-phase.

Technical specifications

Input	: 2 x IEC 60320 C20
Data inputs (front side)	: RJ-45 and D-Sub 15 pin
Output sockets	: 5x C13, 1x C19
Cable	: H05VV-F3G1.50 mm²
Control	: TCP/IP power switch
Pull in / Release voltage	: 184V AC / 92V AC
Operate- / release time	: 15 ms

Type no.	Manufacturer no.	Description
RN3026	PLP1017-LOCK	Automatic Transfer switch 5xC13+1xC19 lock

Raritan®
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Managing IT environment, reduce costs and maximize uptime

Data center and IT infrastructure managers are under constant pressure to minimize the cost of managing data centers and server rooms while increasing efficiency. The need for data center consolidation, expansion and redevelopment often contribute to these pressures.
Raritan, a pioneer in the field of data center technology, enables organizations of all sizes to manage their IT environment better, to reduce costs and to maximize uptime.

Rack Power Distribution Units for Your Data Center
Raritan's PX intelligent rack PDU series offers more than just power distribution, it's a launch pad for real-time remote power monitoring, environmental sensors, data center infrastructure management, and so much more.
The PX series offers hundreds of models to power all your data center applications, including models with outlet switching, individual outlet metering, high power for blade servers and high density applications, and 400 V three-phase power distribution.

kWh Metering Accuracy
Accurate kWh metering allows you to measure actual energy usage for accurate customer or department charge-back billing. The data can be used to encourage energy efficient behavior among users, establish power consumption baselines, and analyze the effect of efficiency initiatives.

Energy Effi cient Latching Relays
Latching bistable relays only require power to switch from one state to another so PDU's consume 67% less energy, produce less heat, and can be confi gured to return to pre-outage state instantly, or leverage patentpending outlet sequencing technology that minimizes inrush current.

Full Color Chassis
Raritan's intelligent PDU's are available in ten colors that help reduce errors, and make it easier to identify power feeds, and troubleshoot, thereby lowering the risk and duration of unplanned downtime.

New features:
- ✓ Can be managed remotely via an app via phone or laptop
- ✓ Connect USB camera to take snapshots as access protection
- ✓ Notifications via SNMP, e-mail and SMS
- ✓ Ping/watchdog feature with programmable actions

Raritan

Raritan product overview PDU'S

Rack Power Distribution Units for your data centre

Raritan PX intelligent rack-PDU series offers more than just power distribution. It's an introduction path for real-time remote power monitoring, environmental sensors, data centre infrastructure management and much more.

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Type no.	Length	Type of plug	Rating	Number and type of outlets	Montage
Unit Metered					
RT0099	3 m	60309 2P+E	16A / 230V / 1PH	20 x C13, 4 x C19	19" (vertical)
RT0119	3 m	60309 2P+E	32A / 230V / 1PH	20 x C13, 4 x C19	19" (vertical)
RT0120	3 m	60309 3P+N+E	16A / 400V / 3PH	24 x C13, 12 x C19	19" (vertical)
Unit Metered, Outlet Switched					
RT0005	3 m	IEC 60309 2P+E	16A / 230V / 1PH	24 x C13	19" (vertical)
RT0006	3 m	IEC 60309 2P+E	16A / 230V / 1PH	24 x C13, 4 x C19	19" (vertical)
RT8039	3 m	IEC 60320-C20	16A / 230V / 1PH	8 x C13	19" (horizontal vertical)
Outlet Metered, Outlet Switched					
RT0016	3 m	IEC 60320-C20	16A / 230V / 1PH	8 x C13	19" (horizontal vertical)
RT0113	3 m	IEC 60309 2P+E	16A / 230V / 1PH	8 x C13	19" (horizontal vertical)
RT8053	3 m	IEC 60309 2P+E	16A / 230V / 1PH	12 x C13	19" (horizontal vertical)
RT0114	3 m	IEC 60309 2P+E	32A / 230V / 1PH	20 x C13, 4 x C19	19" (vertical)
RT0115	3 m	IEC 60309 3P+N+E	32A / 400V / 3PH	21 x C13, 3 x C19	19" (vertical)
RT0116	3 m	IEC 60309 3P+N+E	32A / 400V / 3PH	24 x C13, 12 x C19	19" (vertical)
RT0117	3 m	IEC 60320-C20	16A / 230V / 1PH	20 x C13	19" (horizontal 2u)
Rack transfer switch					
RT8012 (unit metered)	3 m	IEC 60320-C20	16A / 230V / 1PH	8 x C13, 1 x C19	19" (horizontal vertical)
RT0031 (metered / switched)	3 m	IEC 60320-C20	16A / 230V / 1PH	7 x C13, 1 x C19	19" (horizontal vertical)

Raritan

PDU 1 phase 230V, 16A, IEC 60320 C20 to 8x C13, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60320 C20 straight male
Number of sockets	: 8
Sockets	: IEC 60320 C13 (x8)
Height units	: 1 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0016	PX3-5190CR	PDU 1 phase 230V, 16A, IEC60320-C20 to 8x C13, outlet metered and switched, 3 meter

PDU 1 phase 230V, 16A, IEC 60309 2P+E to 8x C13, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60309 2P+E straight male
Number of sockets	: 8
Sockets	: IEC 60320 C13 (x8)
Height units	: 1 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0113	PX3-5190R	PDU 1 phase 230V, 16A, IEC60309 2P+E to 8x C13, outlet metered and switched, 3 meter

PDU 1 phase 230V, 16A, IEC 60320 C20 to 20x C13, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60320 C20 straight male
Number of sockets	: 20
Sockets	: IEC 60320 C13 (x20)
Height units	: 2 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0117	PX3-5440CR	PDU 1 phase 230V, 16A, IEC60320-C20 to 20x C13, outlet metered and switched, 3 meter

PDU 1 phase 230V, 16A, IEC 60309 2P+E to 12x C13, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Replaceable controller
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60309 2P+E straight male
Number of sockets	: 12
Sockets	: IEC 60320 C13 (x12)
Height units	: 1 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT8053	PX3-5260R	PDU 1 phase 230V, 16A, IEC60309 2P+E to 12x C13, outlet metered and switched, 3 meter

PDU 1 phase 230V, 16A, IEC60320-C20 to 8x C13, unit metered and outlet switched

- Unit metered, outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- 10/100 Fast Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60320 C20 straight male
Number of sockets	: 8
Sockets	: IEC 60320 C13 (x8)
Height units	: 1 U
Metered	: Per unit
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT8039	PX2-2190CR	PDU 1 phase 230V, 16A, IEC60320-C20 to 8x C13, unit metered and switched, 3 meter

PDU 1 phase 230V, 32A, IEC 60309 2P+E to 20x C13 + 4x C19, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Replaceable controller
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 32.00 A
Rated voltage	: 230.00 V
Mounting	: Vertical rack mounting
Input connector	: IEC 60309 2P+E straight male
Number of sockets	: 24
Sockets	: IEC 60320 C13 (x20), IEC 60320 C19 (x4)
Height units	: 0 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0114	PX3-5493V	PDU 1 phase 230V, 32A, IEC60309 2P+E to 20x C13 + 4x C19, outlet metered and switched, 3 meter

PDU 1 phase 230V, 32A, IEC 60309 2P+E to 20x C13 + 4x C19 unit metered

- Unit metered.
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 32.00 A
Rated voltage	: 230.00 V
Mounting	: Vertical rack mounting
Input connector	: IEC 60309 2P+E straight male
Number of sockets	: 24
Sockets	: IEC 60320 C13 (x20), IEC 60320 C19 (x4)
Height units	: 0 U
Metered	: Per unit
Switched	: No
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0119	PX3-1493V	PDU 1 phase 230V, 32A, IEC60309 2P+E to 20x C13 + 4x C19, unit metered, 3 meter

PDU 3 phase 400V, 16A, IEC 60309+3P+N+E to 21x C13 + 3x C19, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Replaceable controller
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 3
Rated current	: 16.00 A
Rated voltage	: 400.00 V
Mounting	: Vertical rack mounting
Input connector	: IEC 60309 3P+N+E straight male
Number of sockets	: 24
Sockets	: IEC 60320 C13 (x21), IEC 60320 C19 (x3)
Height units	: 0 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0121	PX3-5516V	PDU 3 phase 400V, 16A, IEC60309 3P+N+E to 21x C13 + 3x C19, outlet metered and switched, 3 meter

PDU 3 phase 400V, 16A, IEC 60309+3P+N+E to 24x C13 + 12x C19, unit metered

- Unit metered.
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Replaceable controller
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 3
Rated current	: 16.00 A
Rated voltage	: 400.00 V
Mounting	: Vertical rack mounting
Input connector	: IEC 60309 3P+N+E straight male
Number of sockets	: 36
Sockets	: IEC 60320 C13 (x24), IEC 60320 C19 (x12)
Height units	: 0 U
Metered	: Per unit
Switched	: No
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0120	PX3-1732	PDU 3 phase 400V, 16A, IEC60309 3P+N+E to 24x C13 + 12x C19, unit metered, 3 meter

PDU 3 phase 400V, 32A, IEC 60309+3P+N+E to 21x C13 + 3x C19, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Replaceable controller
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 3
Rated current	: 32.00 A
Rated voltage	: 400.00 V
Mounting	: Vertical rack mounting
Input connector	: IEC 60309 3P+N+E straight male
Number of sockets	: 24
Sockets	: IEC 60320 C13 (x21), IEC 60320 C19 (x3)
Height units	: 0 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0115	PX3-5530V	PDU 3 phase 400V, 32A, IEC60309 3P+N+E to 21x C13 + 3x C19, outlet metered and switched, 3 meter

PDU 3 phase 400V, 32A, IEC 60309+3P+N+E to 24x C13 + 12x C19, oulet metered and switched

- Outlet monitoring and outlet switched
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Replaceable controller
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 3
Rated current	: 32.00 A
Rated voltage	: 400.00 V
Mounting	: Vertical rack mounting
Input connector	: IEC 60309 3P+N+E straight male
Number of sockets	: 36
Sockets	: IEC 60320 C13 (x24), IEC 60320 C19 (x12)
Height units	: 0 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0116	PX3-5730V-V2	PDU 3 phase 400V, 32A, IEC60309 3P+N+E to 24x C13 + 12x C19, outlet metered and switched, 3 meter

PDU 1 phase 230V, 32A, 4x AC terminal block to 4x AC terminal block, inline metered

- Inline metered
- kWh measuring with 99% accuracy (Billing grade)
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- Gigabit (10/100/1000) Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Phase	: 1
Rated current	: 240.00 A
Rated voltage	: 32.00 V
Mounting	: Horizontal rack mounting
Input connector	: Terminal block 3-pin female
Number of sockets	: 4
Sockets	: Terminal block 3-pin female (x4)
Height units	: 1 U
Metered	: Per line
Switched	: No
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0118	PX3-3420	PDU inline metered 100-240V, 32A, 4x AC terminal to 4x AC terminal, line metered

PDU 1 phase 230V, 16A, IEC 60320 C20 to 7x C13 + 1x C19, oulet metered and switched

- Outlet monitoring and outlet switched
- Switches between two sources within 4 to 8 milliseconds
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- 10/100 Fast Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60320 C20 straight male
Number of sockets	: 8
Sockets	: IEC 60320 C13 (x7), IEC 60320 C19 (x1)
Height units	: 1 U
Metered	: Per outlet
Switched	: Per outlet
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT0031	PX3TS-5191CR	PDU transfer switch 1 phase 230V, 16A, IEC60320-C20 to 7x C13 + 1x C19, outlet metered and switched, 3 meter

PDU 1 phase 230V, 16A, IEC 60320 C20 to 8x C13 + 1x C19, unit metered

- Unit metered.
- Schakelt tussen twee bronnen binnen 4 tot 8 milliseconden
- App to manage remotely via telephone and laptop.
- Connection for USB camera to make snapshots at entry
- Standard warranty of 2 years and can be extended with max. 3 years
- Communication via Modbus-IP & SNMP
- 10/100 Fast Ethernet port
- Ping/watchdog feature with programmable actions
- Can be programmed for different alarms
- Available on request in different colors and versions

Technical specifications

Cable length	: 3.00 m
Phase	: 1
Rated current	: 16.00 A
Rated voltage	: 230.00 V
Mounting	: Horizontal rack mounting
Input connector	: IEC 60320 C20 straight male
Number of sockets	: 9
Sockets	: IEC 60320 C13 (x8), IEC 60320 C19 (x1)
Height units	: 1 U
Metered	: Per unit
Switched	: No
Control method	: App, SNMP, Serial, Software, Web browser interface

Type no.	Manufacturer no.	Description
RT8012	PX3TS-1875R	PDU transfer switch 1 phase 230V, 16A, IEC60320-C20 to 8x C13 + 1x C19, unit metered, 3 meter

Computer cooling

CPU coolers

Copper socket 370 heatsink

Full copper heatsink, specially designed for use in a 1U/2U socket 370 systems. The cooling potential can be increased by mounting an optional fan, seperately available as DTC 303 and DTC 304.

Technical specifications

Measurements : 60x60x13 mm
Weight : 275 g

Type no.	Manufacturer no.	Description
DTC401	TTC-CU4/HS	Socket: 370

DC fans

DC fan with Z-axis bearing

These DC fans use the bearing type designed by Titan, Z-axis bearing. This bearing is based on the well known cheap sleeve bearing. Titan adressed the weak points of this bearing type, like short life time and low noise production. The result, a relatively cheap bearing type with long lifetime and low noise production.

Technical specifications

Bearing : Z-Axis
Lifetime : 60000 h
Voltage : 12 V

Type no.	Manufacturer no.	Description
DTC299	TFD-8025M12Z	Measurements: 80 x 80 x 25 mm 2500 RPM
DTC291	TFD-4010M12Z	Measurements: 40 x 40 x 10 mm 5000 RPM
DTC293	TFD-5010M12Z	Measurements: 50 x 50 x 10 mm 4500 RPM
DTC295	TDF-6020M12Z	Measurements: 60 x 60 x 20 mm 4000 RPM
DTC297	TFD-7010M12Z	Measurements: 70 x 70 x 10 mm 3500 RPM

High RPM DC fan

Increase the cooling potential of a full copper 1U/2U heatsink by mounting this high RPM fan on it.

Technical specifications

Bearing : 2-Ball bearing
Lifetime : 50000 h
Voltage : 12 V

DTC303

Measurements : 60 x 60 x 10 mm
RPM : 4800

Type no.	Manufacturer no.	Description
DTC303	TFD-6010HH12B	Measurements: 60 x 60 x 10 mm

Cooling accessories

Nanogrease coolingpaste

When the cooling paste is low quality or badly applied, cooling performance is bad, even for the best coolers. Nanotechnology used for this cooling paste allows for superior thermal conductivity. Together with the spatula that comes with the paste, cooling paste is no longer an issue and can even improve cooling performance.

The cooling paste comes in blister packaging.

Type no.	Manufacturer no.	Description
DTA110	TTG-G30030	Weight: 3 g

HDD brackets

2.5″ to 3.5″ HDD/SSD Bracket BULK

- Mount 2.5″ SSD or HDD drive into your PC to a free 3.5″ slot
- BULK

Technical specifications

Suitable for : 2,5 inch SSD/hard disk

Type no.	Manufacturer no.	Description
EW7001	EW7001	Bracket HDD/SSD 2.5″ - 3.5″. BULK

2.5″ to 3.5″ HDD/SSD bracket for two 2.5″ HHDs/SSDs

- Mount two 2.5 inch HDDs/SSDs into a 3.5 inch enclosure or pc slot
- Solid aluminium bracket including screws

Technical specifications

Suitable for : Two 2.5 inch SSD/hard disk

Type no.	Manufacturer no.	Description
EW7006	EW7006	Bracket HDD/SSD 2.5″ - 3.5″ for two 2.5″ HHDs/SSDs

SSD Mounting Kit for 2.5 inch SSD/HDD

- Solid metal bracket to mount any 2.5 inch SSD/HDD into a 3.5 inch drive bay
- SATA III cable (50 cm) with lockable connectors and screws included

Technical specifications

Suitable for : 2.5 inch SSD/HDD

Type no.	Manufacturer no.	Description
EW7007	EW7007	Bracket HDD/SSD 2.5″ - 3.5″

3,5 inch HDD bracket

Bracket for mounting a 2,5 inch harddisk in a 3,5 inch bay. Mounting screws included.

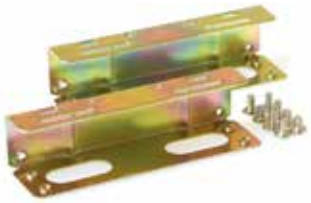
Technical specifications

Suitable for : 2,5 inch harddisk
Interface inside : 2,5″ inch IDE
Interface outside : 3,5″ inch IDE
Mounting inside : 2,5″ inch IDE
Mounting outside : 3,5″ inch IDE
Product content : Bracket and Interface

Type no.	Manufacturer no.	Description
MF420	MF420	Bay: 2,5 inch

5,25 inch HDD bracket

Metal universal brackets for mounting 3,5 inch harddisks in a 5,25 inch bay. Mounting screws included.



Technical specifications

Suitable for : 3,5 inch harddisk
Mounting inside : 3,5 inch
Mounting outside : 5,25 inch
Product content : Bracket

Type no.	Manufacturer no.	Description
MF430	MF430	Bay: 5,25 inch

5,25 inch floppy drive bracket

Complete floppydisk adapter, FDD. Complete set, colour: black.

Technical specifications

Suitable for	: 3,5 inch floppy drive
Mounting inside	: 3,5 inch
Mounting outside	: 5,25 inch
Product content	: Bracket + Front plate

Type no.	Manufacturer no.	Description
MF512	MF512	Bay: 5,25 inch

Interface cards

PCI Express

RS-232 PCI Express card

Modern systems often come without serial ports, this card solves this problem for users that require serial ports on such systems.

Technical specifications

Interface	: PCI Express
Internal connectors	: None
Bracket format	: Full height

Type no.	Manufacturer no.	Description
PCE30	PCE30	External connectors: 2x DB9 (male)

Multi I/O PCI Express card

This card delivers 2 independent, high-speed serial ports and an IEEE1284 parallel port on a separate bracket for almost any system with a PCI or PCI-X slot. It is developed for serial devices without power supply. Power can be provided by the ninth pin on the serial connectors.

Technical specifications

Interface	: PCI Express
Internal connectors	: None
Bracket format	: Full height

PCE45

Number of ports	: 2
External RS-232 connectors	: 2x DB9 (male)
External parallel connectors	: 1x DB25 (female)

Type no.	Manufacturer no.	Description
PCE45	PCE45	Number of ports: 2

1 Port Parallel PCI Express Card

This card is compatible with PCI Express x1, x2, x4, x8 and x16 and PCI/PCI-x busses.

Technical specifications

Interface	: PCI Express
Internal connectors	: None
Bracket format	: Full height

Type no.	Manufacturer no.	Description
PC2001	PC2001	1 Port Parallel PCI Express card

1 Port Parallel PCI Express Low Profile card

This parallel card is compatible with PCI Express x1, x2, x4, x8 and x16 lane and PCI/PCI-x bus.

Technical specifications

Interface	: Expresscard 34 mm
Internal connectors	: None
Connectors	: 1x DB-25 (female)

Type no.	Manufacturer no.	Description
PC2002	PC2002	1 Port Parallel PCI Express LP card

USB 3.1 Dual Port PCI Express Card

This dual port super speed USB 3.1 PCI Express card is compliant with the PCI Express Generation 2 (Dual-lane x2) specification for host PC system, it works up to 10 Gbps for data transfer when connecting to USB 3.1 compliant peripherals. The product can output efficient power to an USB device without additional power adapter connection.

- Built-in over current protection on each USB port
- Support device remote wakeup function
- Hot-swap feature

Technical specifications

Interface	: USB 3.1 Gen 2
Internal connectors	: USB 3.1 Type C
OS Support	: Windows 7, 8.x/10, Linux 2.6.31 or later
Bracket format	: Standard (120mm)

Type no.	Manufacturer no.	Description
PC2016	PC2016	USB 3.1 Dual Port PCI Express Card

PCI

RS-232 Low-Profile PCI card

Technical specifications

Interface	: PCI (3,3 V & 5 V)
Internal connectors	: None
Bracket format	: Low profile

Type no.	Manufacturer no.	Description
PCI35	PCI35	External connectors: 2x DB9 male

parallel port PCI card

Thanks to the universal PCI interface that is used, IEEE1284 parallel ports can be realised on virtually any system with a PCI or PCI-X slot and normal sized bracket spaces.

- Plug & Play for very easy installation

Technical specifications

Interface	: PCI (3,3 V & 5 V)
Internal connectors	: None
Bracket format	: Full height

Type no.	Manufacturer no.	Description
PCI12	PCI12	External connectors: 1x DB25 female

NEWSTAR
AV & IT MOUNTS

Desk mounts
Wall mounts
Monitor suspension

NewStar is the European market leader in affordable suspension systems. Newstar has over 20 years of experience in the manufacturing suspension systems for televisions, monitors, projectors, PCs, laptops and tablets.

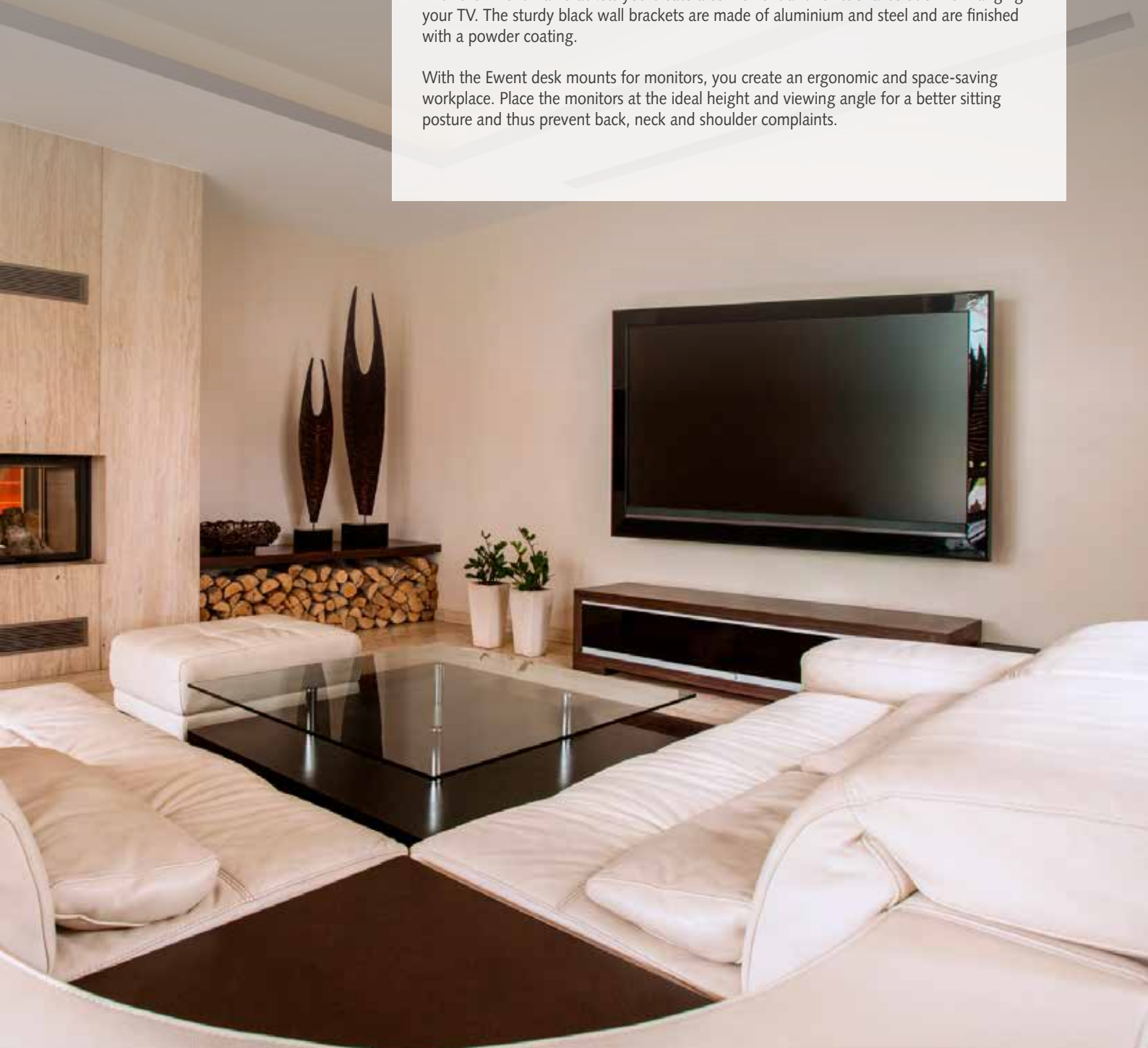
The wide range of NewStar products is known for its high quality and ease of installation.

ewent

Ewent: desk and wall supports

With the Ewent wall brackets you create a convenient and functional solution for hanging your TV. The sturdy black wall brackets are made of aluminium and steel and are finished with a powder coating.

With the Ewent desk mounts for monitors, you create an ergonomic and space-saving workplace. Place the monitors at the ideal height and viewing angle for a better sitting posture and thus prevent back, neck and shoulder complaints.



Ewent

Ewent Desk mounts

Create an ergonomic and space-saving work environment by using the Ewent Desk Mounts. Place your monitor to your ideal height and viewing angle for a better posture and thus avoid back, neck and shoulder complaints.

The Ewent desk mounts are easy attachable to your desk with the enclosed clamp our grommet mount. The desk mounts can easily be adjusted in height and depth without tools. Tilt, swivel and rotate the screens to create an ideal ergonomic work environment. All cables are kept out of sight thanks to the cable management system.

Type no.	EW1510	EW1512	EW1518	EW1513
Description	Desk Mount for 1 screen	Desk Mount for 2 screens	Desk Mount for 2 screens - crossbar	Desk Mount for 3 screens
Type of mount	Desk mount	Desk mount	Desk mount	Desk mount
Number of screens	1	2	2	3
Screen size min./max	10-32 inch	10-32 inch	13-27 inch	10-27 inch
Mounting	Desk clamp and grommet mount	Desk clamp and grommet mount	Desk clamp and grommet mount	Desk clamp and grommet mount
Max. weight	8 kg	8 kg	10 kg	7 kg
Pivot points	3	3	2	3
Tilt	180 °	180 °	60 °	180 °
Rotation	360 °	360 °	360 °	360 °
Swivel	360 °	360 °	30 °	360 °
Adjustable height	0 - 45 cm	0 - 45 cm	0 - 45 cm	0 - 45 cm
Adjustable depth	10 - 44 cm	10 - 44 cm	-	15 - 66 cm
VESA min./max.	75x75 100x100	75x75 100x100	75x75 100x100	75x75 100x100
Extra	-	-	Crossbar: create more working space on your desk	-

Ewent Desk mounts

The EW1515 and EW1516 desk mounts are equipped with a convenient gas spring system to adjust your monitor to your ideal height and viewing angle with just one hand. Ideal for flexible workspaces! Furthermore, the EW1515 and EW1516 have integrated extension ports for USB 3.1 Gen1 (USB 3.0), microphone and speaker jack.

Mount 2 monitors side-by-side using the EW1518 desk mount with crossbar. The crossbar design provides extra space on your desk.

Type no.	EW1514	EW1515	EW1516	EW1517
Description	Desk Mount 4 screens	Desk Mount with gas spring for 1 screen	Desk Mount with gas spring for 2 screens	Thin Client holder
Type of mount	Desk mount	Desk mount	Desk mount	PC mount
Number of screens	4	1	2	-
Screen size min./max	10-32 inch	13-27 inch	13-27 inch	-
Mounting	Desk clamp and grommet mount	Desk clamp and grommet mount	Desk clamp and grommet mount	Pole, VESA and desktop
Max. weight	8 kg	6,5 kg	6,5 kg	5 kg
Pivot points	3	3	3	-
Tilt	180 °	135 °	135 °	-
Rotation	360 °	360 °	360 °	-
Swivel	360 °	360 °	360 °	-
Adjustable height	0 - 88 cm	0 - 48 cm	0 - 48 cm	-
Adjustable depth	10 - 40 cm	11 - 45 cm	11 - 45 cm	3 - 8 cm
VESA min./max.	75x75 100x100	75x75 100x100	75x75 100x100	50x50 100x100
Extra	-	Adjustable in height by its convenient gas spring system Extension ports for USB 3.1 Gen1, microphone + speaker jack	Adjustable in height by its convenient gas spring system Extension ports for USB 3.1 Gen1, microphone + speaker	-

Desk mounts

1 screen

Desk Mount 10 - 32 inch

- Easy adjustable in height without tools by its convenient lever screw system
- Integrated cable management system and Allen key storage system

ewent

Technical specifications

Max. screen size	: 32 inch
Mounting	: Desk clamp, grommet
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 360 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
EW1510	EW1510	Desk mount, colour Black

FPMA-D960 desk mount 10 - 30 inch

NEWSTAR

Technical specifications

Max. screen size	: 30 inch
Mounting	: Desk clamps
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 180 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
OS3110	FPMA-D960	Desk mount, colour Black

FPMA-WP200 BLACK LCD/LED pole mount 10-30 inch

- Pole diameter: 3.5 to 6 cm

NEWSTAR

Technical specifications

Max. screen size	: 30 inch
Mounting	: Pole
Pivot points	: 2
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
OS8048	FPMA-WP200BLACK	Pole mount, colour Silver

1 screen with gas spring

Desk Mount (gas spring) 13 - 27 inch

- Desk mount, easy adjustable in height without tools by its convenient gas spring system
- Ideal for flex work spaces

ewent

Technical specifications

Max. screen size	: 27 inch
Mounting	: Desk clamps, Desk grommet
Pivot points	: 3
Gas spring	: Yes
Tilt	: 135 °
Rotation	: 360 °
Swivel	: 360 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
EW1515	EW1515	Desk mount, colour Black

2 screens

Desk Mount 10 - 32 inch

- Easy adjustable in height without tools by its convenient lever screw system
- Integrated cable management system and Allen key storage system

ewent

Technical specifications

Max. screen size	: 32 inch
Mounting	: Desk clamp, grommet
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 360 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
EW1512	EW1512	Desk mount, colour Black

FPMA-D960D desk mount 10 - 27 inch

Technical specifications

Max. screen size	: 27 inch
Mounting	: Desk clamps
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 180 °
VESA min. / max.	: 75x75 / 100x100

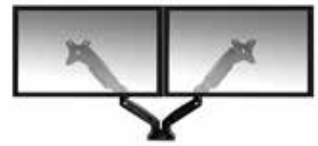
NEWSTAR

Type no.	Manufacturer no.	Description
OS8013	FPMA-D960D	Desk mount, colour Black

2 screens with gas spring

Desk Mount (gas spring) 13 - 27 inch

- Dual desk mount, easy adjustable in height without tools by its convenient gas spring system
- Ideal flex work spaces



ewent

Technical specifications

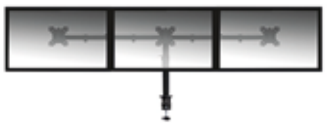
Max. screen size	: 27 inch
Mounting	: Desk clamps, Desk grommet
Pivot points	: 3
Gas spring	: Yes
Tilt	: 135 °
Rotation	: 360 °
Swivel	: 360 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
EW1516	EW1516	Desk mount, colour Black

3 screens

Desk Mount 10 - 27 inch

- Easy adjustable in height without tools by its convenient lever screw system
- Integrated cable management system and Allen key storage system



ewent

Technical specifications

Max. screen size	: 27 inch
Mounting	: Desk clamps, Desk grommet
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 360 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
EW1513	EW1513	Desk mount, colour Black

FPMA-D700D3 desk mount 10 - 27 inch

Technical specifications

Max. screen size	: 27 inch
Mounting	: Desk clamps
Pivot points	: 1
Rotation	: 360 °
Swivel	: 45 °
VESA min. / max.	: 75x75 / 100x100

NEWSTAR

Type no.	Manufacturer no.	Description
OS8145	FPMA-D700D3	Desk mount, colour Black

4 screens

Desk Mount 10 - 32 inch

- Easy adjustable in height without tools by its convenient lever screw system
- Integrated cable management system and Allen key storage system

Technical specifications

Max. screen size	: 32 inch
Mounting	: Desk clamps, Desk grommet
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 360 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
EW1514	EW1514	Desk mount, colour Black

FPMA-D935D4 desk mount 10-27 inch

Technical specifications

Max. screen size	: 27 inch
Mounting	: Desk clamps
Pivot points	: 3
Tilt	: 180 °
Rotation	: 360 °
Swivel	: 300 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
OS3113	FPMA-D935D4	Desk mount, colour Silver

Ewent

Ewent wall mounts

Create a convenient and functional solution for your TV and monitor with the Ewent Wall Mounts.
The sturdy black wall supports are made of aluminum and steel and are finished with a powder coating.

The Ewent wall mounts are the ideal solution for mounting your TV close to the wall. All wall supports are suitable for multiple VESA mounting standards. Thanks to the supplied spirit level, you can always install your TV straight. The Ewent wall mounts are equipped with a security system that ensures that your TV stays securely in place.

Type no.	EW1501	EW1502	EW1503	EW1506	EW1507
Description	Easy Fix TV Wall mount M	Easy Fix TV Wall mount L	Easy Fix TV Wall mount XL	Easy Tilt TV Wall mount M	Easy Tilt TV Wall mount XL
Screens	1	1	1	1	1
Screen Size	23-42 inch	32-55 inch	37-70 inch	23-42 inch	37-70 inch
Mounting	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount
Maximum weight	35 kg	35 kg	35 kg	35 kg	35 kg
Pivot points	-	-	-	-	-
Distance to wall	2 cm	2 cm	2 cm	2 cm	2 cm
Tilt	-	-	-	-	-
Swivel	-	-	-	-	-
VESA min./max.	50x50 200x200	200x200 400x400	200x200 600x400	75x75 200x200	200x200 600x400
Spirit level	Yes	Yes	Yes	Yes	Yes
Cable management system	No	No	No	No	No

Ewent wall mounts

The Easy Tilt TV wall supports are tiltable and the Easy Turn TV wall supports are also rotatable. Model numbers EW1521, EW1522, EW1525 and EW1526 are equipped with a cable management system to keep all cables out of sight.

Type no.	EW1520	EW1521	EW1522	EW1525	EW1526
					Also for curved TV's
Description	Easy Turn TV Wall mount M with 1 pivot point	Easy Turn TV Wall mount M with 2 pivot points	Easy Turn TV Wall mount M with 3 pivot points	Easy Turn TV Wall mount L with 3 pivot points	Easy Turn TV Wall mount XL with 3 pivot points
Screens	1	1	1	1	1
Screen Size	13-42 inch	13-42 inch	13-42 inch	23-55 inch	37-70 inch
Mounting	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount
Maximum weight	20 kg	20 kg	20 kg	35 kg	40 kg
Pivot points	1	2	3	3	3
Distance to wall	7 cm	6-19 cm	6-27 cm	5-52 cm	5-46 cm
Tilt	17 °	17 °	17 °	20 °	20 °
Swivel	30 °	180 °	180 °	180 °	120 °
VESA min./max.	75x75 200x200	75x75 200x200	75x75 200x200	75x75 400x400	200x200 600x400
Spirit level	Yes	Yes	Yes	No	Yes
Cable management system	No	Yes	Yes	Yes	Yes

Wall mounts

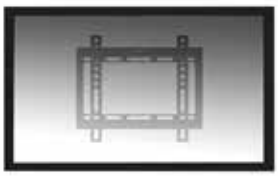
Fixed

Easy Fix TV wall mount M 23-42 inch

- Ultra-thin wall mount for TVs up to 42 inch
- Space-saving design: only 19.5 mm from the wall

Technical specifications

Min. screen size	: 23 inch
Max. screen size	: 42 inch
Wall distance	: 2 cm
VESA min. / max.	: 50x50 / 200x200



ewent

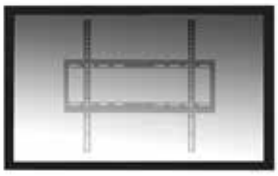
Type no.	Manufacturer no.	Description
EW1501	EW1501	Wall mount, colour Black

Easy Fix TV wall mount L 32-55 inch

- Ultra-thin wall mount for TVs up to 55 inch
- Space-saving design: only 19.5 mm from the wall

Technical specifications

Min. screen size	: 32 inch
Max. screen size	: 55 inch
Wall distance	: 2 cm
VESA min. / max.	: 200x200 / 400x00



ewent

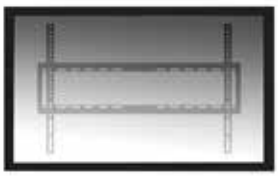
Type no.	Manufacturer no.	Description
EW1502	EW1502	Wall mount, colour Black

Easy Fix TV wall mount XL 37-70 inch

- Ultra-thin wall mount for TVs up to 70 inch
- Space-saving design: only 19.5 mm from the wall

Technical specifications

Min. screen size	: 37 inch
Max. screen size	: 70 inch
Wall distance	: 2 cm
VESA min. / max.	: 200x200 / 600x400



ewent

Type no.	Manufacturer no.	Description
EW1503	EW1503	Wall mount, colour Black

FPMA-W25 wall mount 10-30 inch

Technical specifications

Min. screen size	: 10 inch
Max. screen size	: 30 inch
Wall distance	: 1.50 cm
VESA min. / max.	: 50x50 / 100x100

NEWSTAR

Type no.	Manufacturer no.	Description
OS3120	FPMA-W25	Wall mount, colour Black

FPMA-W60 wall mount 10-30 inch

Technical specifications

Min. screen size	: 10 inch
Max. screen size	: 30 inch
Wall distance	: 5 cm
Tilt	: 20 °
VESA min. / max.	: 50x50 / 100x100

NEWSTAR

Type no.	Manufacturer no.	Description
OS4010	FPMA-W60	Wall mount, colour Black

Tilting

Easy Tilt TV wall mount M 23-42 inch

- Ultra-thin tilltable wall mount for TVs up to 42 inch
- Space-saving design: only 20.5 mm from the wall

Technical specifications

Min. screen size	: 23 inch
Max. screen size	: 42 inch
Wall distance	: 2 cm
Tilt	: 8 °
VESA min. / max.	: 75x75 / 200x200

ewent

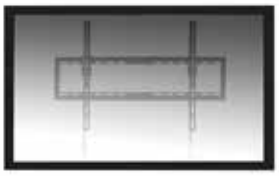
Type no.	Manufacturer no.	Description
EW1506	EW1506	Wall mount, colour Black

Easy Tilt TV wall mount XL 37-70 inch

- Ultra-thin tilltable wall mount for TVs up to 70 inch
- Space-saving design: only 20.5 mm from the wall

Technical specifications

Min. screen size	: 37 inch
Max. screen size	: 70 inch
Wall distance	: 2 cm
Tilt	: 8 °
VESA min. / max.	: 200x200 / 600x400



ewent

Type no.	Manufacturer no.	Description
EW1507	EW1507	Wall mount, colour Black

LED-W240 wall mount 23-52 inch

Technical specifications

Min. screen size	: 23 inch
Max. screen size	: 52 inch
Wall distance	: 4 cm
Tilt	: 10 °
VESA min. / max.	: 100x100 / 400x400

NEWSTAR

Type no.	Manufacturer no.	Description
OS8035	LED-W240	Wall mount, colour Black

Tilt and turn

1 pivot

Easy Turn TV wall mount M 13-42 inch, 1 Pivot

- Slim adjustable wall mount for TVs up to 42 inch

ewent

Technical specifications

Min. screen size	: 13 inch
Max. screen size	: 42 inch
Pivot points	: 1
Wall distance	: 7 cm
Tilt	: 17 °
Swivel	: 30 °
VESA min. / max.	: 75x75 / 200x200

Type no.	Manufacturer no.	Description
EW1520	EW1520	Wall mount, colour Black

FPMA-W75 wall mount 10-30 inch

NEWSTAR

Technical specifications

Min. screen size	: 10 inch
Max. screen size	: 30 inch
Pivot points	: 1
Wall distance	: 8 cm
Tilt	: 35 °
Swivel	: 160 °
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
OS3122	FPMA-W75	Wall mount, colour Black

2 pivots

Easy Turn TV wall mount M 13-42 inch, 2 Pivot

- Slim adjustable wall mount for TVs up to 42 inch
- Cable management system for storing all cables neatly

ewent

Technical specifications

Min. screen size	: 13 inch
Max. screen size	: 42 inch
Pivot points	: 2
Min. / Max. wall distance	: 6 cm / 19 cm
Tilt	: 17 °
Swivel	: 180 °
VESA min. / max.	: 75x75 / 200x200

Type no.	Manufacturer no.	Description
EW1521	EW1521	Wall mount, colour Black

3 pivots

Easy Turn TV wall mount M,13-42 inch, 3 Pivot

- Slim adjustable wall mount for TVs up to 42 inch
- Cable management system for storing all cables neatly

Technical specifications

Min. screen size	: 13 inch
Max. screen size	: 42 inch
Pivot points	: 3
Min. / Max. wall distance	: 6 cm / 27 cm
Tilt	: 17 °
Swivel	: 180 °
VESA min. / max.	: 75x75 / 200x200

Type no.	Manufacturer no.	Description
EW1522	EW1522	Wall mount, colour Black

Easy Turn TV wall mount L 23-55 inch, 3 Pivot

- Slim adjustable wall mount for TVs up to 55 inch
- Cable management system for storing all cables neatly

Technical specifications

Min. screen size	: 23 inch
Max. screen size	: 55 inch
Pivot points	: 3
Min. / Max. wall distance	: 5 cm / 52 cm
Tilt	: 20 °
Swivel	: 180 °
VESA min. / max.	: 75x75 / 400x400

Type no.	Manufacturer no.	Description
EW1525	EW1525	Wall mount, colour Black

Easy Turn TV wall mount XL 37-70 inch, 3 Pivot

Technical specifications

Min. screen size	: 37 inch
Max. screen size	: 70 inch
Pivot points	: 3
Tilt	: 20 °
Swivel	: 120 °
VESA min. / max.	: 200x200 / 600x400

Type no.	Manufacturer no.	Description
EW1526	EW1526	Wall mount, colour Black

LED-W560 wall mount 32-75 inch

Technical specifications

Min. screen size	: 32 inch
Max. screen size	: 75 inch
Pivot points	: 3
Min. / Max. wall distance	: 9 cm / 20 cm
Tilt	: 20 °
Swivel	: 110 °
VESA min. / max.	: 75x75 / 600x400

Type no.	Manufacturer no.	Description
OS8036	LED-W560	Wall mount, colour Black

Ceiling mounts

FPMA-C050 BLACK LCD ceiling mount 10 - 30 inch

Technical specifications

Max. screen size	: 30 inch
Tilt	: 40 °
Swivel	: 180 °
Min. / Max. adjustable height	: 60 cm / 85 cm
VESA min. / max.	: 50x50 / 100x100

Type no.	Manufacturer no.	Description
OS8037	FPMA-C050BLACK	Ceiling mount, colour Black

Floor stands

PLASMA-M1700E floor stand 32-55 inch

Technical specifications

Min. screen size	: 32 inch
Max. screen size	: 55 inch
Tilt	: 15 °
Min. adjustable height	: 155 cm
Max. adjustable height	: 170 cm
VESA min. / max.	: 200x200 / 600x400

Type no.	Manufacturer no.	Description
OS4030	PLASMA-M1700E	Flat screen floor stand, colour Black

FPMA-MOBILE1800 floor stand 10-27 inch

- Mount for flat screen, PC or laptop, keyboard and mouse

Technical specifications

Min. screen size	: 10 inch
Max. screen size	: 27 inch
Tilt	: 25 °
Swivel	: 180 °
Fixed height	: 180 cm
VESA min. / max.	: 75x75 / 100x100

Type no.	Manufacturer no.	Description
OS8097	FPMA-MOBILE1800	Flat screen floor stand, colour Black

PLASMA-M1800E floor stand 27-70 inch

VESA min. / max.	
Min. screen size	: 27 inch
Max. screen size	: 70 inch
Tilt	: 15 °
Min. adjustable height	: 110 cm
Max. adjustable height	: 180 cm
VESA min. / max.	: 200x200 / 600x450

Type no.	Manufacturer no.	Description
OS3161	PLASMA-M1800E	Flat screen floor stand, colour Silver

PC mounts

Thin Client holder

- 3-way installation: Pole, VESA and Desktop

Technical specifications

Mounting	: Mounting dock
Min. adjustable width	: 3 cm
Max. adjustable width	: 8 cm
Fixed height	: 15 cm
VESA min. / max.	: 50x50 / 100x100

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Type no.	Manufacturer no.	Description
EW1517	EW1517	Thin Client holder, colour Black

CPU-D075 PC desk mount black

Technical specifications

Mounting	: Desk
Min. adjustable width	: 5 cm
Max. adjustable width	: 10 cm
Min. adjustable height	: 20 cm
Max. adjustable height	: 36 cm

NEWSTAR

Type no.	Manufacturer no.	Description
OS8005	CPU-D075BLACK	CPU desk mount, colour Black

CPU-D200 PC desk mount

Technical specifications

Mounting	: Desk
Min. adjustable width	: 13 cm
Max. adjustable width	: 23 cm
Min. adjustable height	: 39 cm
Max. adjustable height	: 54 cm

NEWSTAR

Type no.	Manufacturer no.	Description
OS3175	CPU-D200BLACK	CPU desk mount, colour: Black

CPU-D100 PC desk mount black

Technical specifications

Type of mount	: PC mount
Mounting	: Desk
Max. weight	: 30.00
Min. adjustable width	: 8 cm
Max. adjustable width	: 22 cm
Min. adjustable height	: 30 cm
Max. adjustable height	: 53 cm

NEWSTAR

Type no.	Manufacturer no.	Description
OS9001	CPU-D100BLACK	CPU desk mount, colour Black

ewent

Ewent: Laptop stands and accessories

The Ewent Notebook stands are specially designed for laptop users. The ergonomic notebook stand DeLuxe prevents wrist and joint problems due to the adjustable tilt angle. Prevent back and neck pain by placing your monitor at the correct height.

Laptop & monitor stands

Ewent notebook and monitor stands

Ewent's ergonomic notebook stands prevent wrist and joint problems due to the adjustable tilt angle. Avoid back and neck pain by placing your monitor at the correct height.
The Ewent EW1253 and EW1258 cooling notebook stands protect your notebook from overheating thanks to their metal surface and powerful fans. The stands are powered by USB and have adjustable viewing angles.

The Ewent Notebook Locksprotect your notebook and your desktop from theft. Just roll the steel cable of 1.5 meters around an immovable object such as a wall, radiator or desk. Ewent offers a notebook lock with number combination as well as a lock with 2 keys.

Type no.	EW1253	EW1258	EW1251	EW1280
Description	Notebook Cooling Stand with USB	Notebook Cooling Stand with USB	Notebook Stand DeLuxe	Monitor Riser with useful drawer
Type	Laptop stand	Laptop stand	Laptop standard	Monitor riser
Scherm/ monitor up to	17 inch	17 inch	14-19 inch	up to 27 kg
Fan	Yes 2x 125mm Ø	Yes 1x 125mm Ø	No	No
USB-ports	4 x USB 2.0	2x USB 2.0	4x USB 2.0	-
Adjustable viewing angle	Yes	Yes	Yes	-
Power	via USB	via USB	-	-
Extra	Protective pads prevents your notebook from sliding	ON/OFF button to enable and disable the fan Non-slip rubber feet	Six gears adjustable setting position	Drawer for storing A4 size papers and stationery Cable management system Non-skid rubber feet for stability

Type no.	EW1241	EW1242	EW1560	EW1565
Description	Notebook Lock with number combination	Notebook Lock with 2 Keys	Desktop CableClip	Desktop CableRack
Type	4-digit combination lock	Comes with 2 identical keys	4 Cableclips (2x black + 2x white)	2 Cableracks (2x black)
Extra	Strong locking device featuring a 1,5m steel cable	Strong locking device featuring a 1,5m steel cable	Double sided tape for easy mounting Supports cable thickness up to 10mm 2x black+ 2x white	With strong double-sided tape for installation on any smooth surface Suited for 10 cables per CableRack up to 10 mm thickness

Samsonite and Ewent for optimal protection for your laptop and tablet

Samsonite

A laptop or tablet often contains valuable content, so it is essential that your laptop and tablet are well protected. All Samsonite laptop bags and covers have gone through a rigorous design, testing and production process, resulting in optimal protection. The Samsonite bags are available in different models and sizes.

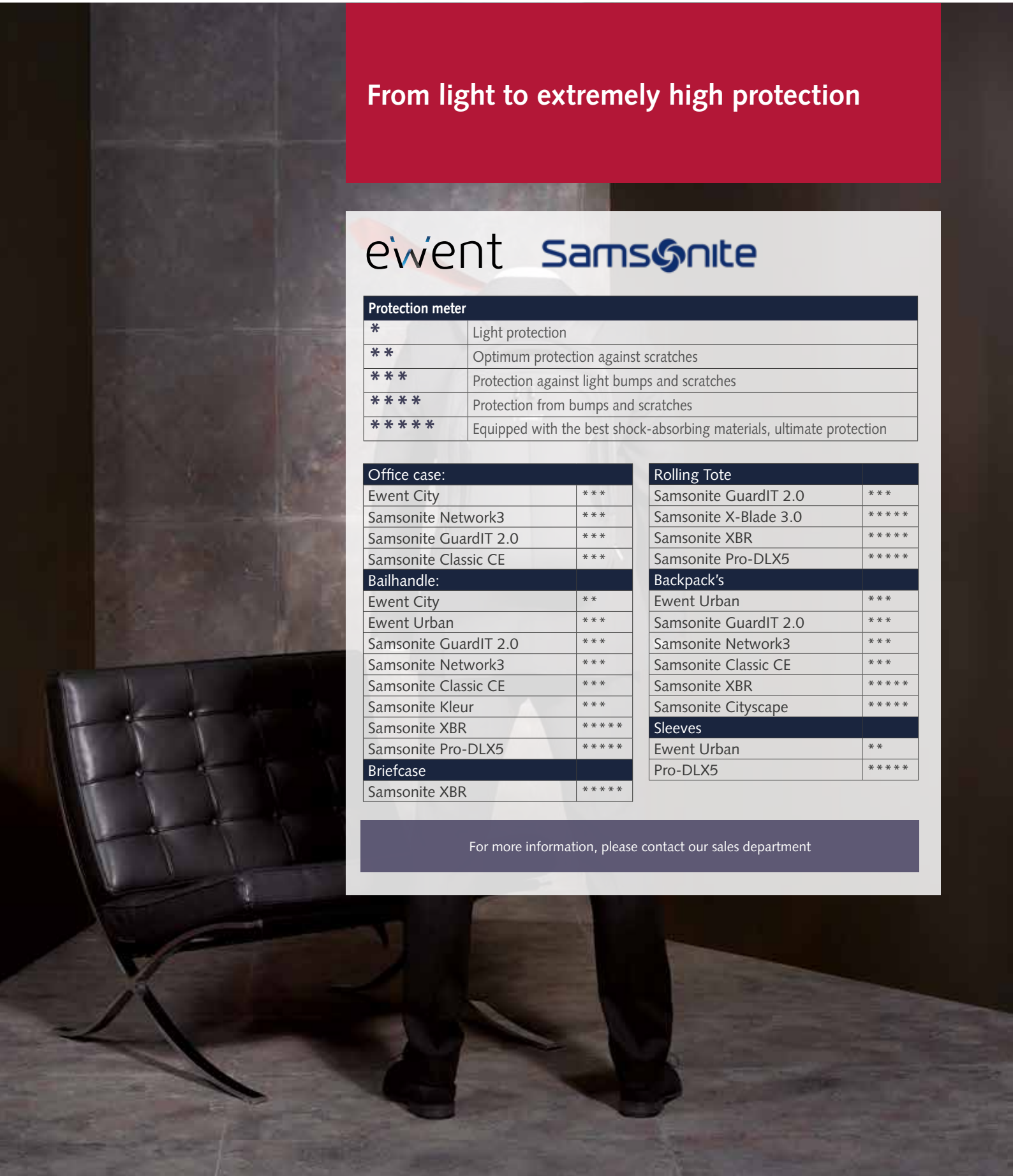
Laptop shoulder bags and laptop backpacks
Are you looking for a more casual style, or would you like to wear your equipment more discreetly? Then our laptop shoulder bags or laptop backpacks are perfect for this.

Trolley bags
Are you an (overnight) business traveller? Then our trolley bags for laptops are interesting. These are perfect for carrying your essentials and have a compartment for clothes. All in one handy laptop bag of cabin size with wheels.

Ewent

Laptop bags and sleeves come in many shapes and sizes. Ewent has selected a range of laptop bags that meet today's user requirements.

Quality ranking Ewent and Samsonite



From light to extremely high protection

ewent Samsonite

Protection meter	
*	Light protection
**	Optimum protection against scratches
***	Protection against light bumps and scratches
****	Protection from bumps and scratches
*****	Equipped with the best shock-absorbing materials, ultimate protection

Office case:	
Ewent City	***
Samsonite Network3	***
Samsonite GuardIT 2.0	***
Samsonite Classic CE	***
Bailhandle:	
Ewent City	**
Ewent Urban	***
Samsonite GuardIT 2.0	***
Samsonite Network3	***
Samsonite Classic CE	***
Samsonite Kleur	***
Samsonite XBR	*****
Samsonite Pro-DLX5	*****
Briefcase	
Samsonite XBR	*****

Rolling Tote	
Samsonite GuardIT 2.0	***
Samsonite X-Blade 3.0	*****
Samsonite XBR	*****
Samsonite Pro-DLX5	*****
Backpack's	
Ewent Urban	***
Samsonite GuardIT 2.0	***
Samsonite Network3	***
Samsonite Classic CE	***
Samsonite XBR	*****
Samsonite Cityscape	*****
Sleeves	
Ewent Urban	**
Pro-DLX5	*****

For more information, please contact our sales department

Notebook bags

Ewent laptop bags / backpack / sleeves

Laptop cases and sleeves come in many shapes and sizes. Ewent has selected a series of laptop bags that meet today's user requirements of a laptop bag. The Ewent Urban Bailhandle, backpack and the City Sleeve series are trendy bags with a business touch. This series of laptop bags is suitable for both business users and consumers.

Ewent bags are equipped with enough pockets to store your documents and accessories. With additional compartment to store your tablet (max. 10.1")

Type no.	EW2502	EW2513	EW2525	EW2527
Description	City Office Case 16"	City Bailhandle 16"	Urban Bailhandle 16"	Global Backpack 15.6"
Type of bag	Shoulder bag	Shoulder bag	Shoulder bag	Backpack
Protection	***	**	***	****
Material	Nylon 600D	Polyester	Polyester mix	Polyester mix
Laptop size	16 inch	16 inch	16 inch	15.6 inch
Tablet size	-	-	10.1 inch	10.1 inch
Compartments	2	2	3	3
Additional storage	No	Yes	Yes	Yes
Weight (kg.)	0.7	0.4	0.6	0,8
Volume (litre)	11	10	10	26
Adjustable shoulder strap	Yes	Yes	Yes	Yes
USB charging port	-	-	-	Yes
Extra	Hard frame for optimum protection	Water repellent material With trolley strap	Water repellent material With trolley strap	Many internal storage options With compression belt for more stability and flexibility
Colour	Black	Black/red	Black	Black

Ewent laptop bags / backpack / sleeves

The Ewent laptop sleeves have a convenient storage compartment at the front where you can easily store documents and accessories.

Protectie **	Protection against scratches
Protectie ***	Protection against minor bumps and scratches
Protectie ****	Laptop compartment with foam padding for extra protection

Type no.	EW2528	EW2529	EW2520 / EW2521 / EW2523	EW2530 / EW2535
Description	Urban Backpack 17.3"	Urban Backpack 17.3"	City laptop Sleeve	Urban laptop Sleeve
Type of bag	Backpack	Backpack	Sleeve	Sleeve
Protection	***	***	**	**
Material	Polyester mix	Polyester mix	Polyester	Polyester
Laptop size	17.3 inch	17.3 inch	EW2520: 13.3 inch EW2521: 14,1 inch EW2523: 15,6 inch	EW2530: 14.1 inch EW2535: 15,6 inch
Tablet size	10.1 inch	10.1 inch	-	-
Compartments	6	2	2	3
Additional storage	Yes	Yes	No	No
Weight (kg.)	0.98	0.79	EW2520: 0.2 EW2521: 0.24 EW2523: 0.24	EW2530: 0.17 EW2535: 0.24
Volume (litre)	30	30	EW2520: 3 EW2521: 3 EW2523: 4	EW2530: 3 EW2535: 4
Adjustable shoulder strap	Yes	Yes	No	No
USB charging port	-	Yes	-	-
Extra	Padded back for better comfort Water repellent material	Padded back for better comfort Water repellent material	-	-
Colour	Black	Black/grey	Black	Black/grey

Office case: simplicity and comfort

The office case is the modern version of the classic briefcase. Characteristics of office case include a wide opening with easy access to the laptop and documents and a single handle for comfortable carrying, inspired by the briefcase.

Our selected office case bestsellers:

Office case

15-16 inch

City Office Case 15-16.1 inch

- Hard frame for optimum protection

ewent

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Nylon
Laptop size	: 16.00 inch
Outside dimensions	: 45 x 35 x 7 cm
Compartments	: 2
Weight	: 0.70 kg
Volume	: 11.00 l

Type no.	Manufacturer no.	Description
EW2502	EW2502	Max. laptop size: 15-16.1 inch, colour: Black

Classic CE Office Case 15.6

Samsonite

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 42.5 x 32.5 x 12 cm
Compartments	: 2
Weight	: 0.70 kg
Volume	: 15.00 l

Type no.	Manufacturer no.	Description
SA1894	103595-1041	Max. laptop size: 15.6 inch, colour: Black

Classic CE Office Case Plus 15.6

Samsonite

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 42.5 x 35.5 x 14 cm
Compartments	: 3
Weight	: 0.90 kg
Volume	: 17.50 l

Type no.	Manufacturer no.	Description
SA1895	103596-1041	Max. laptop size: 15.6 inch, colour: Black

GuardIT 2.0 Office Case 15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 40 x 30 x 9 cm
Compartments	: 3
Weight	: 0.70 kg
Volume	: 16.00 l

Type no.	Manufacturer no.	Description
SA1940	115325-1041	Max. laptop size: 15.6 inch, colour: Black

Vectura EVO Office Case 15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 41 x 30 x 7 cm
Compartments	: 4
Weight	: 0.90 kg
Volume	: 14.00 l

Type no.	Manufacturer no.	Description
SA1974	123665-1041	Max. laptop size: 15.6 inch, colour: Black

Vectura EVO Office Case+ 15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 41 x 30 x 9 cm
Compartments	: 4
Weight	: 1.10 kg
Volume	: 15.50 l

Type no.	Manufacturer no.	Description
SA1975	123666-1041	Max. laptop size: 15.6 inch, colour: Black

17.3 inch

Vectura EVO Office Case+17.3

Technical specifications

Type of bag	: Shoulder bag
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 17.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 44 x 32 x 9.5 cm
Compartments	: 4
Weight	: 1.20 kg
Volume	: 18.50 l

Type no.	Manufacturer no.	Description
SA1976	123667-1041	Max. laptop size: 17.3 inch, colour: Black

Bailhandle: modern and contemporary

The bailhandle represents a modern business bag, with an optimal weight distribution and a more contemporary and bigger capacity for your personal belongings. It has two handles on the outside of the bag, thus you will have easy access to the spacious compartments. A bailhandle is also often referred to as a top loader, briefcase or system case.

Our selected bailhandle bestsellers:

Bailhandle

13.3 inch

GuardIT 2.0 Bailhandle 13.3

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 13.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 34.5 x 24.5 x 8.5 cm
Compartments	: 3
Weight	: 0.40 kg
Volume	: 9.50 l

Type no.	Manufacturer no.	Description
SA1941	115326-1041	Max. laptop size: 13.3 inch, colour: Black

14.1 inch

Network3 Laptop Bag 14.1

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester
Laptop size	: 14.10 inch
Tablet size	: 10.10 inch
Outside dimensions	: 38 x 28 x 10.5 cm
Compartments	: 3
Weight	: 0.50 kg
Volume	: 10.00 l

Type no.	Manufacturer no.	Description
SA1866	CC819001	Max. laptop size: 14.1 inch, colour: Charcoal

Vectura EVO Bailhandle 14.1

Technical specifications

Type of bag	: Shoulder bag
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 14.10 inch
Tablet size	: 10.50 inch
Outside dimensions	: 37 x 27.5 x 7 cm
Compartments	: 5
Weight	: 0.70 kg
Volume	: 10.00 l

Type no.	Manufacturer no.	Description
SA1978	123669-1041	Max. laptop size: 14.1 inch, colour: Black

Pro-DLX5 Bailhandle 14.1

- Easy Pass allows your electronic devices to stay inside your bag while being charged
- RFID protected pocket for Credit Cards and Passport

Samsonite

Technical specifications

Type of bag	: Shoulder bag
Protection	: 5 stars
Material	: Ballistic nylon, Leather details
Laptop size	: 14.10 inch
Tablet size	: 10.10 inch
Outside dimensions	: 37 x 27.5 x 11 cm
Compartments	: 4
Weight	: 1.00 kg
Volume	: 8.50 l

Type no.	Manufacturer no.	Description
SA1904	106351-1041	Max. laptop size: 14.1 inch, colour: Black

15-16 inch

City Slim Bailhandle 15-16.1 inch

ewent

Technical specifications

Type of bag	: Shoulder bag
Protection	: 2 stars
Material	: Polyester
Laptop size	: 16.00 inch
Outside dimensions	: 41 x 33 x 6 cm
Compartments	: 2
Weight	: 0.40 kg
Volume	: 10.00 l

Type no.	Manufacturer no.	Description
EW2513	EW2513	Max. laptop size: 15-16.1 inch, colour: Black, Red

Urban Bailhandle 16

- Double inner lining for a better protection of your laptop and tablet
- Easy attachable to your trolley, made of water repellent material

ewent

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 16.00 inch
Tablet size	: 10.10 inch
Outside dimensions	: 45 x 35 x 6 cm
Compartments	: 3
Weight	: 0.60 kg
Volume	: 10.00 l

Type no.	Manufacturer no.	Description
EW2525	EW2525	Max. laptop size: 16 inch, colour: Black

Classic CE Bailhandle15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 42 x 31.5 x 14.5 cm
Compartments	: 3
Weight	: 0.80 kg
Volume	: 16.50 l

Type no.	Manufacturer no.	Description
SA1896	103597-1041	Max. laptop size: 15.6 inch, colour: Black

Network3 Laptop Bag 15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 40 x 30 x 11.5 cm
Compartments	: 3
Weight	: 0.50 kg
Volume	: 12.50 l

Type no.	Manufacturer no.	Description
SA1868	CC819002	Max. laptop size: 15.6 inch, colour: Charcoal

Vectura EVO Shuttle 15.6

Technical specifications

Type of bag	: Sleeve
Protection	: 4 stars
Material	: Denier polyester
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 39 x 27 x 4 cm
Compartments	: 4
Weight	: 0.60 kg
Volume	: 10.00 l

Type no.	Manufacturer no.	Description
SA1977	123668-1041	Max. laptop size: 15.6 inch, colour: Black

GuardIT 2.0 Bailhandle 15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 40 x 30 x 9 cm
Compartments	: 3
Weight	: 0.50 kg
Volume	: 14.50 l

Type no.	Manufacturer no.	Description
SA1942	115327-1041	Max. laptop size: 15.6 inch, colour: Black

Vectura EVO Bailhandle 15.6

Technical specifications

Type of bag	: Shoulder bag
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 41 x 30 x 12 cm
Compartments	: 5
Weight	: 1.00 kg
Volume	: 18.00 l

Type no.	Manufacturer no.	Description
SA1979	123670-1041	Max. laptop size: 15.6 inch, colour: Black

XBR Bailhandle 3 Compartments 15,6 Expandable

- Expandable performance, create additional space by increasing the capacity of 24L to 31.5L
- Smart Fit laptop compartment, that effortlessly adapts to different sizes of laptops

Technical specifications

Type of bag	: Shoulder bag
Protection	: 5 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 44.5 x 34 x 24.5 cm
Compartments	: 6
Weight	: 1.60 kg
Volume	: 31.50 l

Type no.	Manufacturer no.	Description
SA1739	08N09008	Max. laptop size: 15.6 inch, colour: Black

Pro-DLX5 Bailhandle 15.6

- Easy Pass allows your electronic devices to stay inside your bag while being charged
- RFID protected pocket for Credit Cards and Passport
- Expandable performance, create additional space by increasing the capacity of 17L to 23L

Technical specifications

Type of bag	: Shoulder bag
Protection	: 5 stars
Material	: Ballistic nylon, Leather details
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 42 x 30.5 x 15/20 cm
Compartments	: 4
Weight	: 1.50 kg
Volume	: 23.00 l

Type no.	Manufacturer no.	Description
SA1905	106352-1041	Max. laptop size: 15.6 inch, colour: Black

17.3 inch

Network3 Laptop Bag 17.3

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 43.5 x 31.5 x 11.5 cm
Compartments	: 3
Weight	: 0.60 kg
Volume	: 15.50 l

Type no.	Manufacturer no.	Description
SA1870	CC819003	Max. laptop size: 17.3 inch, colour: Charcoal

GuardIT 2.0 Bailhandle 17.3

Technical specifications

Type of bag	: Shoulder bag
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 17.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 43 x 32 x 10 cm
Compartments	: 3
Weight	: 0.60 kg
Volume	: 18.50 l

Type no.	Manufacturer no.	Description
SA1943	115328-1041	Max. laptop size: 17.3 inch, colour: Black

Vectura EVO Bailhandle 17.3

Technical specifications

Type of bag	: Shoulder bag
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 17.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 44 x 32 x 12 cm
Compartments	: 5
Weight	: 1.10 kg
Volume	: 20.50 l

Type no.	Manufacturer no.	Description
SA1980	123671-1041	Max. laptop size: 17.3 inch, colour: Black

Pro-DLX5 Bailhandle 17.3

- Easy Pass allows your electronic devices to stay inside your bag while being charged
- RFID protected pocket for Credit Cards and Passport
- Expandable performance, create additional space by increasing the capacity of 24.5L to 31L

Technical specifications

Type of bag	: Shoulder bag
Protection	: 5 stars
Material	: Ballistic nylon, Leather details
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 46 x 33 x 17.5/22.5 cm
Compartments	: 4
Weight	: 1.70 kg
Volume	: 31.00 l

Type no.	Manufacturer no.	Description
SA1906	106355-1041	Max. laptop size: 17.3 inch, colour: Black

Rolling Tote: comfort on wheels

Carrying a heavy laptop belongs to the past. The rolling tote is the comfortable solution 'on wheels' for a business bag that provides plenty of space. Many rolling tote types are equipped with a separate clothing compartment and are therefore ideal for short business trips.

Our selected rolling tote bestsellers:

Rolling Tote

15-16 inch

Vectura EVO Rolling Tote 15.6

- Cabine bagage (IATA) that can be taken on boarding aircraft

Technical specifications

Type of bag	: Trolley
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 42 x 32 x 20 cm
Compartments	: 4
Weight	: 2.40 kg
Volume	: 20.50 l

Type no.	Manufacturer no.	Description
SA1983	123674-1041	Max. laptop size: 15.6 inch, colour: Black

XBR Rolling Tote 15.6

- Cabine bagage (IATA) that can be taken on boarding aircraft
- Fixed TSA cable lock to close several compartments at once
- Smart Fit laptop compartment, that effortlessly adapts to different sizes of laptops (13.3" until 15.6")

Technical specifications

Type of bag	: Trolley
Protection	: 5 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 45.5 x 39.5 x 24 cm
Compartments	: 4
Weight	: 3.20 kg
Volume	: 27.50 l

Type no.	Manufacturer no.	Description
SA1744	08N09012	Max. laptop size: 15.6 inch, colour: Black

XBR Mobile Office Spinner 55, 15.6

- Spinner: 4 wheels that can rotate 360 ° easy in use
- Cabine bagage (IATA) that can be taken on boarding aircraft
- Fixed TSA cable lock to close several compartments at once
- Smart Fit laptop compartment, that effortlessly adapts to different sizes of laptops (13.3" until 15.6")

Technical specifications

Type of bag	: Trolley
Protection	: 5 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 41.5 x 55 x 26.5 cm
Compartments	: 4
Weight	: 3.10 kg
Volume	: 34.00 l

Type no.	Manufacturer no.	Description
SA1745	08N09013	Max. laptop size: 15.6 inch, colour: Black

Pro-DLX5 Upright 55 Exp. 15.6

- Cabine bagage, that can be taken on boarding an aircraft
- Office case on wheels, incl. cross ribbons

Technical specifications

Type of bag	: Trolley
Protection	: 5 stars
Material	: Ballistic nylon, Leather details
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 40 x 55 x 23/28 cm
Compartments	: 4
Weight	: 3.30 kg
Volume	: 54.00 l

Type no.	Manufacturer no.	Description
SA1909	106369-1041	Max. laptop size: 15.6 inch, colour: Black

Pro-DLX5 Business Case Wheels 15.6

- Cabine bagage, that can be taken on boarding an aircraft
- Office case on wheels, incl. cross ribbons

Technical specifications

Type of bag	: Trolley
Protection	: 5 stars
Material	: Ballistic nylon, Leather details
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 16 x 33 x 25 cm
Compartments	: 6
Weight	: 2.80 kg
Volume	: 37.00 l

Type no.	Manufacturer no.	Description
SA1924	106363-1041	Max. laptop size: 15.6 inch, colour: Black

17.3 inch

GuardIT 2.0 Rolling Tote 17.3

- Cabine bagage (IATA) that can be taken on boarding an aircraft

Technical specifications

Type of bag	: Trolley
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 17.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 45 x 33 x 18 cm
Compartments	: 4
Weight	: 2.70 kg
Volume	: 26.50 l

Type no.	Manufacturer no.	Description
SA1947	115332-1041	Max. laptop size: 17.3 inch, colour: Black

Vectura EVO Rolling Tote 17.3

- Cabine bagage (IATA) that can be taken on boarding aircraft

Technical specifications

Type of bag	: Trolley
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 17.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 46 x 35 x 20 cm
Compartments	: 4
Weight	: 2.80 kg
Volume	: 27.50 l

Type no.	Manufacturer no.	Description
SA1984	123675-1041	Max. laptop size: 17.3 inch, colour: Black

Pro-DLX5 Rolling Tote 17.3

- Cabine bagage, that can be taken on boarding an aircraft
- Office case on wheels, incl. cross ribbons

Technical specifications

Type of bag	: Trolley
Protection	: 5 stars
Material	: Ballistic nylon, Leather details
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 48.5 x 39 x 23 cm
Compartments	: 4
Weight	: 3.40 kg
Volume	: 37.50 l

Type no.	Manufacturer no.	Description
SA1908	106365-1041	Max. laptop size: 17.3 inch, colour: Black

Laptop Backpack: comfortable and ergonomic

Laptop backpacks are easy and comfortable to wear. Ideal for use in an urban environment, for example when travelling per scooter or bicycle. The ergonomic laptop backpack distributes the weight evenly over both shoulders and is ideally suited for all business use and in leisure time.

Our selected laptop backpack bestsellers:

Backpacks

14.1 inch

Network3 Laptop Backpack 14.1

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester
Laptop size	: 14.10 inch
Tablet size	: 10.10 inch
Outside dimensions	: 29.5 x 40.5 x 17 cm
Compartments	: 4
Weight	: 0.70 kg
Volume	: 16.00 l

Type no.	Manufacturer no.	Description
SA1869	CC819004	Max. laptop size: 14.1 inch, colour: Charcoal

GuardIT 2.0 Laptop Backpack Small 14.1

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 14.10 inch
Tablet size	: 10.50 inch
Outside dimensions	: 29 x 40 x 18 cm
Compartments	: 5
Weight	: 0.70 kg
Volume	: 17.50 l

Type no.	Manufacturer no.	Description
SA1944	115329-1041	Max. laptop size: 14.1 inch, colour: Black

Vectura EVO Backpack 14.1

Technical specifications

Type of bag	: Backpack
Protection	: 4 stars
Material	: Denier polyester
Laptop size	: 14.10 inch
Tablet size	: 10.50 inch
Outside dimensions	: 29 x 41 x 16 cm
Compartments	: 5
Weight	: 0.90 kg
Volume	: 19.00 l

Type no.	Manufacturer no.	Description
SA1981	123672-1041	Max. laptop size: 14.1 inch, colour: Black

15-16 inch

Urban Backpack 15.6 with USB outlet

- Spacious and high-quality backpack with many internal storage options
- Internal organisation that suits the latest electronic devices
- Comfortable padded back panel with ergonomic shoulder straps and sternum straps

ewent

Technical specifications

Type of bag	: Backpack
Protection	: 4 stars
Material	: Polyester mix
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 40 x 51 x 23 cm
Compartments	: 3
Weight	: 0.80 kg
Volume	: 26.00 l

Type no.	Manufacturer no.	Description
EW2527	EW2527	Max. laptop size: 15.6 inch, colour: Black

Classic CE Backpack 15.6

Samsonite

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 30.5 x 44.5 x 21 cm
Compartments	: 3
Weight	: 0.80 kg
Volume	: 18.00 l

Type no.	Manufacturer no.	Description
SA1897	103598-1041	Max. laptop size: 15.6 inch, colour: Black

GuardIT 2.0 Laptop Backpack Medium 15.6

Samsonite

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 30 x 44 x 20 cm
Compartments	: 5
Weight	: 0.70 kg
Volume	: 22.50 l

Type no.	Manufacturer no.	Description
SA1945	115330-1041	Max. laptop size: 15.6 inch, colour: Black

Vectura EVO Backpack 15.6

Technical specifications

Type of bag	: Backpack
Protection	: 4 stars
Material	: Denier polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.50 inch
Outside dimensions	: 29 x 44.5 x 18 cm
Compartments	: 5
Weight	: 0.90 kg
Volume	: 22.00 l

Type no.	Manufacturer no.	Description
SA1982	123673-1041	Max. laptop size: 15.6 inch, colour: Black

XBR Backpack 15.6

- Smart Fit laptop compartment, that effortlessly adapts to different sizes of laptops (13.3" until 15.6")

Samsonite

Technical specifications

Type of bag	: Backpack
Protection	: 5 stars
Material	: Polyester, Polyurethane
Laptop size	: 15.60 inch
Tablet size	: 10.10 inch
Outside dimensions	: 33.5 x 47 x 24.5 cm
Compartments	: 5
Weight	: 1.40 kg
Volume	: 22.00 l

Type no.	Manufacturer no.	Description
SA1740	08N09004	Max. laptop size: 15.6 inch, colour: Black

17.3 inch

Urban Backpack 17.3

- Double inner lining for a better protection of your laptop and tablet
- Additional outer compartments to store your smartphone, writing gear and more
- Made of water repellent material

ewent

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 43 x 50 x 14 cm
Compartments	: 6
Weight	: 0.98 kg
Volume	: 30.00 l

Type no.	Manufacturer no.	Description
EW2528	EW2528	Max. laptop size: 17.3 inch, colour: Black

Urban Backpack 17.3 with USB outlet

- With USB outlet for charging your smartphone on the go (powerbank not included)
- Additional compartments to store your smartphone, writing gear and more
- Made of water repellent material

ewent

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Denier polyester, Polyester
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 34 x 50 x 15.5 cm
Compartments	: 2
Weight	: 0.79 kg
Volume	: 30.00 l

Type no.	Manufacturer no.	Description
EW2529	EW2529	Max. laptop size: 17.3 inch, colour: Black

Network3 Laptop Backpack 17.3

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 33 x 46.5 x 20.5 cm
Compartments	: 4
Weight	: 0.90 kg
Volume	: 26.00 l

Type no.	Manufacturer no.	Description
SA1874	CC819006	Max. laptop size: 17.3 inch, colour: Charcoal

GuardIT 2.0 Laptop Backpack Large 17.3

Technical specifications

Type of bag	: Backpack
Protection	: 3 stars
Material	: Polyester mix
Laptop size	: 17.30 inch
Tablet size	: 10.50 inch
Outside dimensions	: 32 x 48 x 20.5 cm
Compartments	: 5
Weight	: 0.80 kg
Volume	: 27.50 l

Type no.	Manufacturer no.	Description
SA1946	115331-1041	Max. laptop size: 17.3 inch, colour: Black

XBR Backpack 17.3

- Smart Fit laptop compartment, that effortlessly adapts to different sizes of laptops (13.3" until 17.3")

Technical specifications

Type of bag	: Backpack
Protection	: 5 stars
Material	: Polyester, Polyurethane
Laptop size	: 17.30 inch
Tablet size	: 10.10 inch
Outside dimensions	: 35 x 51 x 25 cm
Compartments	: 5
Weight	: 1.50 kg
Volume	: 29.00 l

Type no.	Manufacturer no.	Description
SA1742	08N09005	Max. laptop size: 17.3 inch, colour: Black

Sleeve: trendy and safe

Thin and lightweight tablet and laptop protection. The Samsonite sleeve distinguishes itself with a trendy design and is perfect for a quick and safe storage a tablet or laptop. It provides protection against dust and scratches and is easy to carry in any bag.

Our selected sleeve bestsellers:

Sleeves

13.3 inch

City Laptop Sleeve 13.3

- Outer compartment with zipper to store your accessories

ewent

Technical specifications

Type of bag	: Sleeve
Protection	: 2 stars
Material	: Polyester
Laptop size	: 13.30 inch
Outside dimensions	: 35 x 26 x 3 cm
Compartments	: 2
Weight	: 0.20 kg
Volume	: 3.00 l

Type no.	Manufacturer no.	Description
EW2520	EW2520	Max. laptop size: 13.3 inch, colour: Black

14.1 inch

City Laptop Sleeve 14.1

- Outer compartment with zipper to store your accessories

ewent

Technical specifications

Type of bag	: Sleeve
Protection	: 2 stars
Material	: Polyester
Laptop size	: 14.10 inch
Outside dimensions	: 39 x 28 x 3 cm
Compartments	: 2
Weight	: 0.20 kg
Volume	: 3.00 l

Type no.	Manufacturer no.	Description
EW2521	EW2521	Max. laptop size: 14.1 inch, colour: Black

Urban Laptop Sleeve 14.1

- Two extra compartments with zipper to store your accessories

ewent

Technical specifications

Type of bag	: Sleeve
Protection	: 2 stars
Material	: Polyester
Laptop size	: 14.10 inch
Outside dimensions	: 36 x 27 x 2 cm
Compartments	: 3
Weight	: 0.17 kg
Volume	: 3.00 l

Type no.	Manufacturer no.	Description
EW2530	EW2530	Max. laptop size: 14.1 inch, colour: Black/Grey

15.6 inch

City Laptop Sleeve 15.6

- Outer compartment with zipper to store your accessories

Technical specifications

Type of bag	: Sleeve
Protection	: 2 stars
Material	: Polyester
Laptop size	: 15.60 inch
Outside dimensions	: 40 x 29 x 3 cm
Compartments	: 2
Weight	: 0.24 kg
Volume	: 4.00 l

Type no.	Manufacturer no.	Description
EW2523	EW2523	Max. laptop size: 15.6 inch, colour: Black

Urban Laptop Sleeve 15.6

- Two extra compartments with zipper to store your accessories

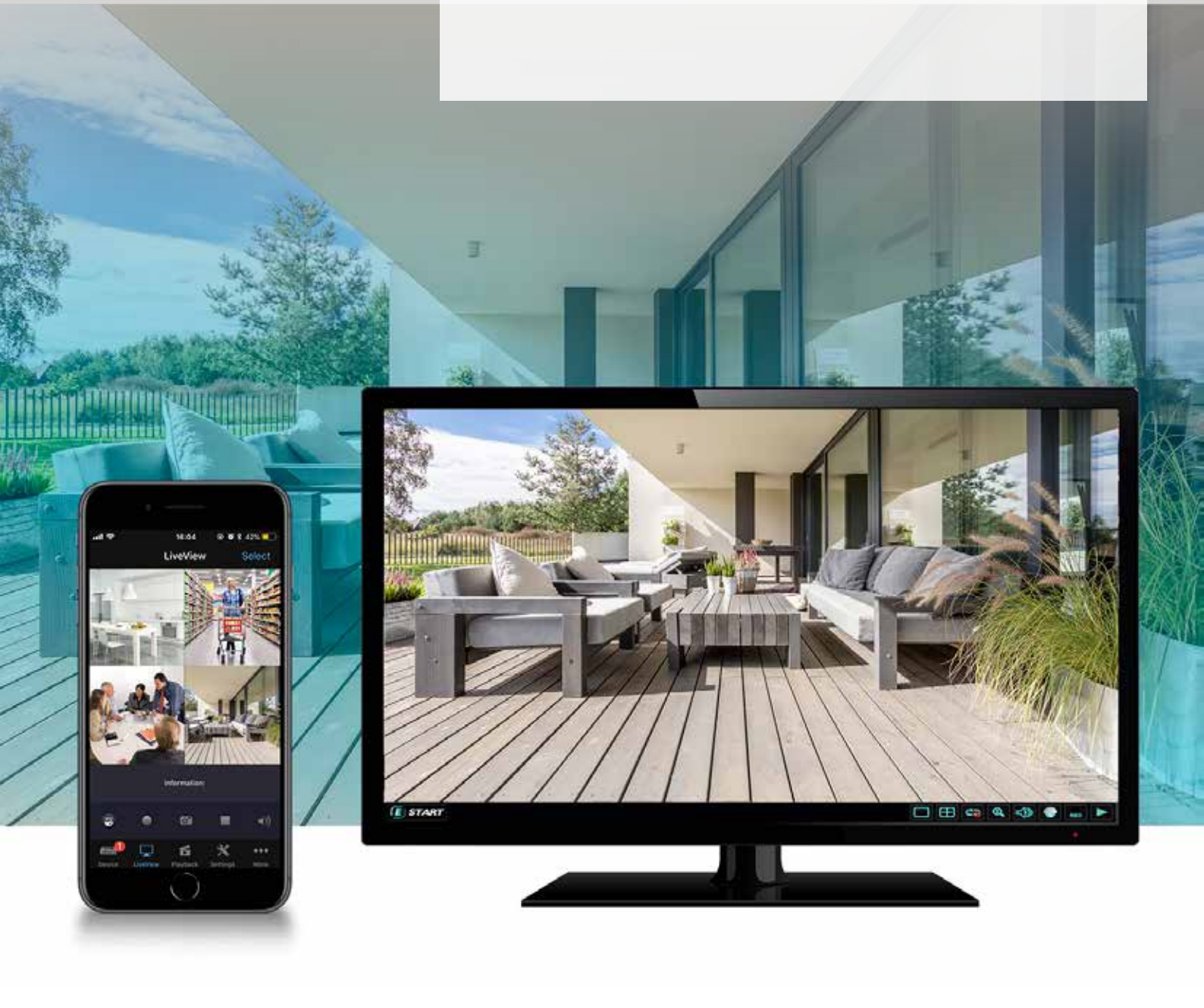
Technical specifications

Type of bag	: Sleeve
Protection	: 2 stars
Material	: Polyester
Laptop size	: 15.60 inch
Outside dimensions	: 41 x 30 x 2 cm
Compartments	: 3
Weight	: 0.24 kg
Volume	: 4.00 l

Type no.	Manufacturer no.	Description
EW2535	EW2535	Max. laptop size: 15.6 inch, colour: Black/Grey

Cameras

Eminent cameras are easy to install and operate with the free E-SmartLife app. The IP Cameras work over the Wi-Fi network. Simply connect the camera to your home network via the free E-SmartLife app and the camera is ready to use and accessed from anywhere in the world.



IP cameras

Eminent E-Smartlife Wi-Fi IP cameras

Keep your belongings safe with the Eminent Wi-Fi IP Cameras. These cameras work via Wi-Fi and are easy to set up and to use with the free E-SmartLife app. Receive push notifications on your smartphone when the camera detects any movement. Insert a micro SD card and the camera will record the images. The IR LEDs provide clear images during nighttime. You can listen along with the images and speak back.

Type no.	EM6400	EM6410	EM6420
Description	HD Wi-Fi Fixed IP Camera	Full HD Wi-Fi Pan/Tilt IP Camera	Full HD Wi-Fi Fixed Outdoor IP Camera
Use	Indoor	Indoor	Outdoor
day/night lenses	Yes	Yes	Yes
IR cut filter	Yes	Yes	Yes
Infrared sensor	Yes	Yes	Yes
Lens diameter	2.8 mm	3.6 mm	4 mm
Pan-tilt	No	Yes	Yes
Pan-tilt vertical	-	155 °	-
Pan-tilt horizontaal	-	355 °	-
Outdoor	No	No	IP54
Viewing angle	85°	80°	85°
WiFi	Yes	Yes	Yes
Antennas	Internal	Internal	Internal
Number of IR LEDs	2	2	8
IR distance	8-10 m	8-10 m	8-10 m
Lux	0.01	0.01	0.01
Resolution	1280x720	1920x1080	1920x1080
Image quality	HD	Full HD	Full HD
Videosensor technology	CMOS	CMOS	CMOS
Audio functionality	Microphone, speaker	Microphone, speaker	Microphone, speaker
Record to Micro-SD	up to 64Gb	up to 64Gb	up to 64Gb
Motion detection	Yes	Yes	Yes
Push notification	Yes	Yes	Yes
App support	Android, iOS	Android, iOS	Android, iOS
Power	USB powered	USB powered	USB powered
Including	USB Power adapter	USB Power adapter	USB Power adapter
Colour	White	White	White

Eminent

Eminent routers, network adapters, WiFi repeaters, switches

An Eminent network switch enables you to quickly and easily build a network. Each port of the switch can operate independently in full or half speed. Thanks to the N-Way auto-negotiation function the network switch delivers optimal performance. The networking switch can automatically choose the correct speed. The cross-over-detection ensures that any port can be connected to a different switch or hub, without having to make use of a crossover cable. Perfect for setting up or expanding a network!

Type no.	EM4405 / EM4408	EM4441 / EM4442	EM4700	EM4710	EM4720
Description	10/100 Mbps Mini Network Switch	Gigabit Network Switch	Wireless 300 N Router, access point and repeater	Wireless AC1200 Dual band router, Gigabit WAN/LAN and access point	Wireless AC1750 Dual Band Router, Gigabit WAN/LAN and access point
LAN speed	10/100 Mbps	10/100/1000 Mbps	10/100 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
WAN ports	-	-	1	1	1
RJ45 ports	5: EM4405 8: EM4408	5: EM4441 8: EM4442	4	4	4
Connection	-	-	-	-	-
WAN speed	-	-	10/100 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
Standard	802.3 10Base-T, 802.3u 100Base-TX	802.3 10Base-T, 802.3u 100Base-TX, 802.3ab 1000Base-T	802.11a/b/g/n	802.11ac/b/g/n	802.11ac/a/b/g/n
WiFi standard	-	-	Wireless N	Wireless AC	Wireless AC
WiFI bands	-	-	Single-band	Simultaneous dual-band	Simultaneous dual-band
WiFi speed 2.4 GHz	-	-	300 Mbps	300 Mbps	450 Mbps
WiFi speed 5 GHz	-	-	-	900 Mbps	1300 Mbps
Antennas	-	-	external (fixed)	external (fixed)	external (fixed)
Number of antennas	-	-	2	2	4
Antenna gain	-	-	5 dBi	5 dBi	5 dBi
Power supply	External power supply	External power supply	External power supply	External power supply	External power supply
Included	Power supply	Power supply	Network cable, power supply	Network cable, power supply	Network cable, power supply
WPS	-	-	Yes	Yes	Yes
Advance wireless security	-	-	WEP, WPA, WPA2	WEP, WPA, WPA2	WEP, WPA, WPA2
Guest network (multiple SSIDs)	-	-	Yes	Yes	Yes
Additional features	Power, Link and Activity	Power, Link and Activity	QoS, Wlan bridge, URL/Port filtering and Parental control	MU-MIMO, QoS, URL/Port filtering and Parental control	QoS, URL/Port filtering and Parental control

Eminent routers, network adapters, WiFi repeaters, switches

Create a wireless network with the powerful Eminent AC or N routers. Do you prefer a wired connection for your computer? No problem. With the Eminent routers you are sure of a fast and stable Internet connection.

The Eminent Network adapters ensure that you can go online quickly, whether it's a wired, wireless N, Gigabit or Dual Band connection. Is your wireless signal too weak? Increase the wireless coverage with the Eminent WiFi Repeaters.

Type no.	EM4536	EM4029	EM1017	EM4594	EM4597
Description	Wireless Compact AC1200 Dual Band Network adapter	PCI-e Network adapter	USB Gigabit Network Adapter	Mini WiFi Repeater 300N and access point	Concurrent AC1200 Dual Band WiFi Repeater, router and access point
LAN speed	-	10/100/1000 Mbps	10/100/1000 Mbps	10/100Mbps	10/100 Mbps
WAN ports	-	-	-	-	1
RJ45 ports	-	1	1	1	2
Connection	USB 3.1 Gen1	PCI-e x1	USB 3.1 Gen1	-	-
WAN speed	-	-	-	-	10/100 Mbps
Standard		802.3, 802.3u, 802.3ab		802.11b/g/n	802.11b/g/n - 2.4GHz 802.11ac/a/n - 5GHz
WiFi standard	Wireless AC	-	-	Wireless N	Wireless AC
WiFI bands	Dual-band	-	-	Single-band	Simultaneous Dual-band
WiFi speed 2.4 GHz	300 Mbps	-	-	300 Mbps	300 Mbps
WiFi speed 5 GHz	900 Mbps	-	-		900 Mbps
Antennas	internal	-	-	internal	internal
Number of antennas	1	-	-	2	2
Antenna gain	2 dBi	-	-	3 dBi	3 dBi
Power supply	-	-	-	Built-in power supply	Built-in power supply
Included	-	Low profile bracket to install the card in any computer	-	-	Network cable
WPS	-	-	-	Yes	Yes
Advance wireless security	WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)		-	WEP, WPA and WPA2	WEP, WPA and WPA2
Guest network (multiple SSIDs)	-	-	-	-	-
Additional features	MU-Mimo	Bootrom support Full-duplex Auto-negotiation and Crossover detection	-	Compact design ON/OFF button	Two additional 100Mbps LAN ports

Eminent

Switches

8-Port 10/100Mbps Switch, 8 PoE+ (30W) ports

- Max PoE power : 30W for each PoE port, 140W for all PoE ports
- 19 inch rack mountable (brackets included in packaging)

Technical specifications

LAN speed	: 10/100 Mbps
Layer functions	: Layer 2 (unmanaged)
Mounting	: 19 Inch
Dimensions	: 179 x 280 x 44 mm
Power supply	: Built-in power supply
Input voltage	: 100 - 240 V AC
Included	: 19" mounting bracket, power cord
RJ45 ports	: 8
PoE+ ports	: 4

Type no.	Manufacturer no.	Description
EM4431	EM4431	Number of ports: 8 x 10/100Mbps Auto-Negotiation

16-Port 10/100Mbps Switch, 16 PoE+ (30W) ports

- Max PoE power : 30W for each PoE port, 260W total
- 19 inch rack mountable (brackets included in packaging)

Technical specifications

LAN speed	: 10/100 Mbps
Layer functions	: Layer 2 (unmanaged)
Mounting	: 19 Inch
Dimensions	: 442 x 208 x 44 mm
Power supply	: Built-in power supply
Input voltage	: 100 - 240 V AC
Included	: 19" mounting bracket, power cord
RJ45 ports	: 16
PoE+ ports	: 16

Type no.	Manufacturer no.	Description
EM4433	EM4433	Number of ports: 16 x 10/100Mbps Auto-Negotiation

8-Port Gigabit Switch, 8 PoE+ (30W) ports

- Max PoE power : 30W for each PoE port, 140W total
- 19 inch rack mountable (brackets included in packaging)

Technical specifications

LAN speed	: 10/100/1000 Mbps
Layer functions	: Layer 2 (unmanaged)
Mounting	: 19 Inch
Dimensions	: 280 x 180 x 44 mm
Power supply	: Built-in power supply
Input voltage	: 100 - 240 V AC
Included	: 19" mounting bracket, power cord
RJ45 ports	: 8
PoE+ ports	: 8

Type no.	Manufacturer no.	Description
EM4436	EM4436	Number of ports: 8 x 10/100/1000Mbps Auto-Negotiation

ACT

Switches

6-Port 10/100Mbps Switch, 4 PoE+ (30W) ports

- Max PoE power : 30W for each PoE port, 60W total

Technical specifications

LAN speed	: 10/100 Mbps
Layer functions	: Layer 2 (unmanaged)
Power max.	: 60 W
Power over Ethernet (PoE) max.	: 30 each port W
Dimensions	: 168 x 94 x 32 (L x W x H) cm
Power supply	: Built-in power supply
Included	: Detachable power cable
RJ45 ports	: 6
PoE+ ports	: 4
10/100 Mbps ports	: 6

Type no.	Manufacturer no.	Description
AC4430	AC4430	Number of ports: 6 x 10/100 Mbps PoE+ Auto-Negotiation

24-Poorts 10/100Mbps Switch, 24 PoE+ (30W) ports with 2 Gigabit Combo ports

- All PoE+ ports together support up to 390W - each PoE+ port supports up to 30W
- 19 inch rack mountable (brackets and screws included in packaging)

Technical specifications

LAN speed	: 10/100 Mbps
Layer functions	: Layer 2 (unmanaged)
Power max.	: 390 W
Power over Ethernet (PoE) max.	: 30 each port W
Mounting	: 19 Inch
Dimensions	: 206 x 440 x 42 (L x W x H) cm
Power supply	: Built-in power supply
Included	: Detachable power cable, brackets and screws
RJ45 ports	: 24
SFP slots	: 2
Combo ports	: 2
PoE+ ports	: 24
10/100 Mbps ports	: 24

Type no.	Manufacturer no.	Description
AC4434	AC4434	Number of ports: 24 x 10/100 Mbps PoE+ Auto-Negotiation, 2 Gigabit Combo ports

Gigabit PoE+ Injector 30W

- Powers IP devices at locations without power outlet via a single UTP cable
- Automatic power detection: IEEE 802.3af/at compliant
- Gigabit ethernet connection
- PoE Power : Power+: pin 1 & pin 2, Power-: pin 3 & pin 6

Technical specifications

LAN speed	: 10/100/1000 Mbps
Standards	: IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at
Power max.	: 30 W
Mounting	: Integrated wall mount
Dimensions	: 11,7 x 3,4 x 5,8 cm
Input Voltage	: 100.00
Included	: EU power cord
RJ45 ports	: 2
PoE+ ports	: 1
10/100/1000 Mbps ports	: 2

Type no.	Manufacturer no.	Description
AC4438	AC4438	Gigabit PoE+ Injector, 30W

Highly reliable network media converters and industrial network switches

KTI Technologies Inc. develops and produces, for over more than 30 years, various networking products in Taiwan. KTI offers a complete range of highquality network components, from standard network cards to modular switches. KTI offers a wide range of networking products under its own brand, including media converters, switches, Fast Ethernet and Gigabit Ethernet switches. These products are applied worldwide by for example airlines, factories, railway organizations, oil refineries and mining industries.

KTI is also a specialist in fiber optic applications. It offers quality products and services for datacom and telecom with single mode and multi mode converters, or a combination of single and multi mode for 100 and 1000 Mbps.
KTI offers a wide range of industrial switches and media converters with a modular structure, and a broad temperature range.

KTI offers a wide range of networking products:
- Media converters
- Industrial media converters
- Layer 2 switches
- Industrial switches
- PoE switches
- Industrial PoE switches

Zero DOA's
KTI Networks Inc. manufactures and tests (burn-in) all products before they leave the factory. Partly because of this, there are no DOA's and a very high Mean Time Between Failures (MTBF) can be realized.

KTI Networks

Unmanaged switches

Fast Ethernet

Unmanaged 16-ports 10/100 Mbps Layer 2 Fast Ethernet switch

- Supports half and full duplex mode.
- Uses Auto MDI/MDI-X detection and auto negotiation for extra flexibility.
- Indication LEDs for Power (Unit), Link/ACT (Port), 100M (Port).

Technical specifications

LAN speed	: 10/100 Mbps
Layer functions	: Layer 2
Mounting	: 19 Inch
Input voltage	: 100 - 240 V AC

KS1020

RJ45 ports	: 16
10/100 Mbps ports	: 16

Type no.	Manufacturer no.	Description
KS1020	KS-116 Ver.F	16 x 10/100Mbps Unmanaged switch

Gigabit Ethernet

Unmanaged 24 Ports Gigabit Layer 2 Ethernet switch

- Store-and-Forward switching method.
- Supports full-duplex transfer mode for 1000 Mbps.

Technical specifications

Layer functions	: Layer 2
Mounting	: 19 Inch
Operating temperature	: 0 - +40 °C
Input voltage	: 100 - 240 V AC

KS2140

RJ45 ports	: 24
10/100/1000 Mbps ports	: 24

Type no.	Manufacturer no.	Description
KS2140	KGS-124	24 x 10/100/1000Mbps unmanaged swith

Unmanaged 8 ports Gigabit switch

- All 10/100/1000M ports support auto-negotiation and auto-MDI/MDI-X detection

Technical specifications

Dimensions	: 137 x 85 x 24 mm
Included	: Power Supply

KS1013

RJ45 ports	: 8
10/100/1000 Mbps ports	: 8

Type no.	Manufacturer no.	Description
KS1013	KGS-SOHO-8 ver. B	8 x 10/100/1000 Mbps port unmanaged Gigabit swith

Managed switches

Fast Ethernet

Managed 24 Ports Fast Ethernet Layer 2 switch

- No fan design.
- Including IGMP snooping function.
- Wide operating temperature range.
- IGMP snooping support. (v1, v2)

Technical specifications

RJ45 ports	: 24x RJ-45 10/100 Mbps
Combo ports	: 2 x RJ-45 10/100 Mbps ports or 1000 Mbps SFP slots
Layer functions	: Layer 2
Management support	: Webbased
Mounting	: 19 Inch
Operating temperature	: -20 - +60 °C
Input voltage	: 100 - 240 V AC

KS3200

RJ45 ports	: 24x RJ-45 10/100 Mbps
Combo ports	: 2 x RJ-45 10/100 Mbps poorten of 1000 Mbps SFP slots

Type no.	Manufacturer no.	Description
KS3200	KFS-2621-S	Web smart 24+2 ports SFP switch

Gigabit Ethernet

Managed 8-Ports L2 Gigabit Ethernet switch with 1 Gbe SFP port

- Supports 802.1w RSTP and MSTP
- IGMP snooping support. (v1, v2)
- Port mirror function
- High power saving
- Supports SFP with Digital Diagnostic Monitoring (DMM)

Technical specifications

Layer functions	: Layer 2
Management support	: Webbased
Operating temperature	: -5 ~ +50 °C
Power supply	: External power supply
Input voltage	: 5 - 12 V DC
Included	: Power supply

KS4016

RJ45 ports	: 7
SFP slots	: 1
10/100/1000 Mbps ports	: 7

Type no.	Manufacturer no.	Description
KS4016	KGS-810F-B	7 x 10/100/1000Mbps managed switch with 1x 1000 Mbps SFP port

Modular 3 slot Managed Gigabit Layer 2 Ethernet switch

The 24-port managed Gigabit Ethernet switch is a standard L2 switch that meets all IEEE 802.3/u/x/z Gigabit, Fast Ethernet applications. The switch provides three 8-port modular slots. Each slot can accomodate one 8-port module. A variety of modules is available for selection. Any combination of three different modules can be installed flexibly in one device rack. The system detects the types of the installed modules and configures modules automatically.

- Great variety of optional modules.
- IGMP snooping support.

Technical specifications

Modular slots	: 3x for 8-ports module
Power supply	: 100-240V AC
Operating temperature	: -5 - +50 °C
Standard	: IEEE 802.3, 802.3ab, 802.3z, 802.3x, 802.3af, 802.1x, 802.1w, 802.1d, 802.1q
Dimension (WxDxH)	: 443x245x43 mm

Type no.	Manufacturer no.	Description
KS2100	KGS-2422-B-S	Modular Managed GbE switch

PoE injectors

Mid-span PoE injector

- To add power to ypour networking cable.
- Plug and play functionality.
- Power shutdown protection.
- Compact design.

Technical specifications

Compliance	: KW9020: IEEE802.3af , KW9021 IEEE802.3at
Dimensions	: 50x80x21 mm

Type no.	Manufacturer no.	Description
KW9020	KPOE-100	Power output: 15,4 W
KW9021	KPOE-100P	Power output: 30 W

Power supplies

DIN-rail Power Supply 12V/1.8 A

- Protected against short circuits, overload and over voltage.
- UL60601-1/IEC60601-1/EN60601-1 safety approved internal power module.
- IEC60950-1 safety approved for power supply.

Technical specifications

Output voltage	: 12 V
Input Voltage	: 110 ~ 240 V AC
Input connectors	: IEC320 C14 socket, terminal block
Output connectors	: Terminal block 4P (2 pair): Vout+ / Vout- / Vout+ / Vout-, DC plug
Operating temperature	: -40 ~ +70 °C

Type no.	Manufacturer no.	Description
KS3912	KPW-2012-D-E	Output Current: 1,80 A

Antennas

OMNI antenne 7 dBi

- Can be used indoor and outdoor.

Technical specifications

Lineair	: V or H
Frequency	: 2400-2483,5 MHz
Impedancy	: 50 Ohm
VSWR	: < 2.0
Max. power	: 20 Watt
Connection	: N Female
Diameter	: 20 mm
Length	: 400.00 mm

Type no.	Manufacturer no.	Description
KW9001	OE-001	Gain: 7 dBi

KTI Networks - Mediaconverters

Mediaconverters

Twisted Pair / Fiber Mediaconverter

- Conversion from 10/100 Base-TX to 100 Base-FX
- Past in mediaconvertercenter KC1040, KC1041, KC1042, KC1043.
- Fits in mediaconverterchassis KC1054

Technical specifications

Copper port	: 10Base-T, 100Base-TX, STP RJ-45
Fiber port	: 100Base-FX, far end fault function
Power supply	: +5V~+12V DC (supplied)

Type no.	Manufacturer no.	Description
KC1020	KC-300D-T	Multimode - ST
KC1022	KC-300D-C	Multimode - SC
KC1026	KC-300D-SL2	Singlemode - SC

1000Base Twisted Pair / Fiber Mediaconverter

The Gigabit media converter is designed to convert 1000Base-T signals to/from 1000Base-X fiber signals. It is used to extend the connection distance between two Gigabit Ethernet devices via fiber cable transparently with no performance degradation. With the SFP (Mini-GBIC) connector design, the media converter not only supports existing variety of multimode and singlemode fibers, but also preserves the flexibility to adapt to any change of your fiber network in the future. It also supports center chassis installation with optional power redundancy and management features when a larger fiber network is required. With pre-configured fiber transceivers, the converter also can support Bi-Di WDM and CWDM fiber network applications.Note: this product is delivered without SFP module. The module has to be ordered seperately.

- Conversion from 1000 Base-TX to 1000 Base-X
- Single- or multimode by SFP slot.
- Past in mediaconvertercenter KC1040, KC1041, KC1042, KC1043.
- Fits in mediaconverterchassis KC1054

Technical specifications

Function	: For converting 1000 Base T signals in 1000 Base X signals and vice versa

Type no.	Manufacturer no.	Description
KC1047	KGC-300	Ouput interface: SFP slot

Managed Gigabit media converter

- Conversion from 10/100/1000 Base-TX to SFP slot
- Traffic control functions.
- Past in mediaconvertercenter KC1040, KC1041, KC1042, KC1043.
- Fits in mediaconverterchassis KC1054

Technical specifications

Standard	: IEEE 802.3, 802.3u, 802.3ab, 802.3z
Network cable	: CAT5E or higher
Mounting	: Desktop, Wall, Din-Rail (optional), Center chassis
Power	: +5 V~+12V DC
Management	: Web-based browser interface
Dimension (WxDxH)	: 108x72,5x23 mm

Type no.	Manufacturer no.	Description
KC1053	KGC-310M ver.C	Gigabit Media Converter

Fibermode Converter

- Conversion from 1000 Base-SX to 1000 Base-LX
- Conversion from 100 Base-FX to 100 Base-FL
- SFP fiber port flexibility.
- Past in mediaconvertercenter KC1040, KC1041, KC1042, KC1043.
- Fits in mediaconverterchassis KC1054

Technical specifications

Function	: For converting singlemode to multimode signals

Type no.	Manufacturer no.	Description
KC1052	KGC-311-N	Mode converter

Mediaconverter chassis 19

- Provides four slots for installation of four standalone media converters.
- Suitable for KC1020, KC1022, KC1024, KC1026, KC1047, KC1052, KC1053.
- no media converters included

Type no.	Manufacturer no.	Description
KC1054	KCR-4MC	4-slot mediaconverter chassis

KTI SFP Tranceivers

SFP transceiver module 1000 Base - SX

- Uncoded

Technical specifications

Form factor	: SFP
Media	: Multimode
Network protocol	: Gigabit Ethernet
Max. distance	: 500 m
Connector type	: LC
Number of fibers	: 2
Wavelength Rx	: 850 nm
Wavelength Tx	: 850 nm

KS1087

Mode	: Multimode SX
Coded for	: Non-coded

Type no.	Manufacturer no.	Description
KS1087	SFP-GLM-A	Mode: Multimode SX

SFP transceiver module 1000 Base - LX

- Uncoded

Technical specifications

Transceiver type	: SFP
Cabling	: Fiber
Media	: Singlemode
Network port	: LC/PC duplex
Network protocol	: Gigabit Ethernet
Wavelength TX	: 1310 nm
Wavelength RX	: 1310 nm
Max. distance	: 2000 m
Min. temperature	: 0 °C
Max. temperature	: 70 °C
DDM	: No

Type no.	Manufacturer no.	Description
KS1088	SFP-GLS-10-A	Mode: Singlemode LX

SKYLANE OPTICS®

Compatible transceivers

Skylane Optics is a European supplier of transceivers and DAC cabling and compatible with all common brands in the field of network, server and storage equipment.

The transceivers and DAC cables from this catalog are compatible with equipment from Cisco, Hewlett Packard (HP), Brocade, Juniper, Arista, Mellanox, Netgear, Linksys, Zyxel, Allied Telesys, D-Link, TP-Link and Synology (all mentioned brand names are the property of the respective trademark holders). The warranty and support are guaranteed.

Why choose for a collaboration with us and Skylane Optics?
- Extensive (on-site) support
- 100% quality control
- Short delivery times
- Competitive pricing
- Complete range

Developments in cloud computing, IoT (Internet of Things) and 5G asks for higher data speeds within data centres and server rooms. We have two product lines, (Q) SFP transceivers and DAC cables, to realize higher speeds.
Both transceivers and DAC cables use optical ports where one transceiver or DAC cable can be placed in. Optical ports are two commonly used forms, SFP and QSF, for different speeds from 1G up to 100G:

Form factor / speed	1G	10G	25G	40G	100G
SFP	SFP	SFP+	SFP28		
QSFP				QSFP+	QSFP28

Optical transceivers and fiber optic cable

Reduce space, optimize airflow!

Looking for the optimal airflow? We advise a combination of an optical transceiver and fibre cable.

At speeds up to 25G fibre patch cables with LC connectors are most common. For 40G and 100G MTP/MPO patch cables are used in data centres to connect equipment. MTP/MPO cables are used to connect equipment with a patch panel. The special thing about the MTP / MPO connector is that 12 fibres (or multiple) are placed in a single connector.

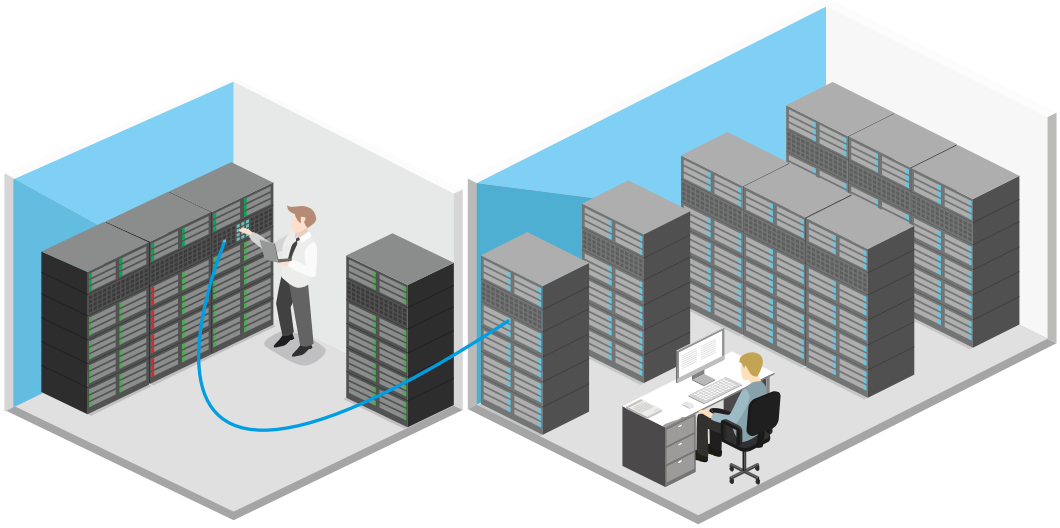
Speed / type fiber optic cable	1/10/25G	40 to 100G / 4X10 to 25G	40G/100G
Type patch cable	LC duplex patch cable	MTP/MPO to LC fanout cable	MTP/MPO patch cable

Advantages:

- ✓ Long distances bridgeable (several hundred meters by multi-mode and kilometres by single mode)
- ✓ Good airflow because of thin cables

Point of attention:

- When connecting the cable or re-patching, it is necessary to clean the connectors and modules thoroughly.



Transceiver and traditional copper data cable

For connecting old and new equipment

A combination of a transceiver that fits into a fibre optic port with one RJ45 connector for a CAT6 or CAT6A data cable is the best solution.

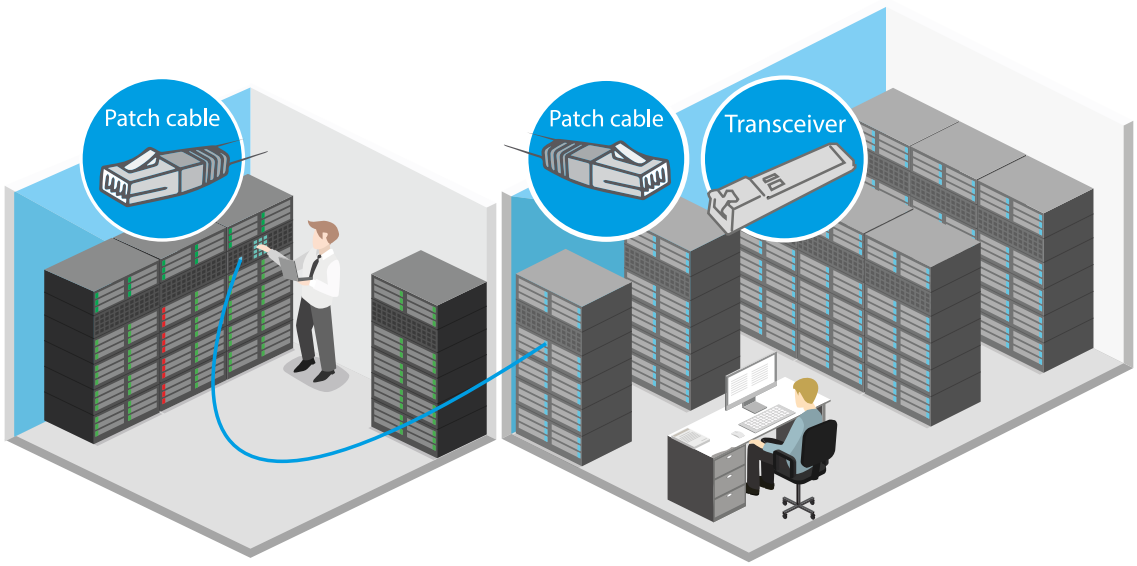
This solution is used for 1G and 10G connections. The maximum distance that can be bridged is 100 meters with 1G modules, this is equal to traditional data cabling. With 10G modules the maximum distance is shorter, 30 meters.
These modules are mainly used as a device with only a RJ45 port is connected to a device with exclusively fibre optic ports. This is a good solution for legacy equipment, making replacement unnecessary.

Advantages:

- ✓ Ensures compatibility with legacy equipment with only RJ45 ports
- ✓ Flexible; with a CAT6 / 6A cable you can easily attach a RJ45 connector on location

Point of attention:

- The transceivers with copper port are compared with other solutions relatively expensive
- Suitable for 1G and 10G connections
- Short distances: 100m for 1G and 30m for 10G



SFP transceivers

Skylane Optics Fiber SFP Tranceivers

SFP SX transceiver module

- Suited for connecting equipment with a 1G fiber port to a multimode cable

Technical specifications

Form factor	: SFP
Media	: Multimode
Network protocol	: Gigabit Ethernet
Max. distance	: 550 m
Connector type	: LC
Number of fibers	: 2
Wavelength Rx	: 850 nm
Wavelength Tx	: 850 nm

Type no.	Manufacturer no.	Description
SF0203	SFP85P55DR0DAA5	SFP SX transceiver coded for Cisco
SF0236	SFP85P55GE0D220	SFP SX transceiver coded for HP Procurve
SF0378	SFP85P55GE0D520	SFP SX transceiver coded for HP H3C
SF8126	SFP85P55GE0D270	SFP SX transceiver coded for Brocade
SF8020	SFP85P55GE0DC05	SFP SX transceiver coded for Juniper
SF0188	SFP85P55GE0D287	SFP SX transceiver coded for Arista
SF8088	SFP85P55GE0D000	SFP SX transceiver coded for open platform
SF8222	SFP85P55GE0D989	SFP SX transceiver coded for Netgear
SF0088	SFP85P55GE0DAE5	SFP SX transceiver coded for Linksys
SF0330	SFP85P55GE0D000ZYXEL	SFP SX transceiver coded for Zyxel
SF8155	SFP85P55GE0DJ05	SFP SX transceiver coded for Allied Telesys
SF0331	SFP85P55GE0DJ35	SFP SX transceiver coded for D-Link
SF8108	SFP85P55GE0D490	SFP SX transceiver coded for TP-Link
SF0332	SFP85P55GE0D000SYNOL	SFP SX transceiver coded for Synology

SFP LX transceiver module

- Suited for connecting equipment with a 1G fiber port to a multimode or singlemode cable

Technical specifications

Form factor	: SFP
Media	: Multimode, Singlemode
Network protocol	: Gigabit Ethernet
Max. distance	: 10000 m
Connector type	: LC
Number of fibers	: 2
Wavelength Rx	: 1310 nm
Wavelength Tx	: 1310 nm

Type no.	Manufacturer no.	Description
SF0080	SFP13010GE2DAA6	SFP LX transceiver coded for Cisco
SF0232	SFP13010DR0D221	SFP LX transceiver coded for HP Procurve
SF8176	SFP13010GE0D521	SFP LX transceiver coded for HP H3C
SF8052	SFP13010GE0D271	SFP LX transceiver coded for Brocade
SF8061	SFP13010GE0DC06	SFP LX transceiver coded for Juniper
SF0360	SFP13010GE0D288	SFP LX transceiver coded for Arista
SF8024	SFP13010GE0D000	SFP LX transceiver coded for open platform
SF8187	SFP13010GE0D990	SFP LX transceiver coded for Netgear
SF0089	SFP13010GE0DAE6	SFP LX transceiver coded for Linksys
SF0333	SFP13010GE0D000ZYXEL	SFP LX transceiver coded for Zyxel
SF0334	SFP13010GE0DJ07	SFP LX transceiver coded for Allied Telesys
SF0335	SFP13010GE0DJ34	SFP LX transceiver coded for D-Link
SF0027	SFP13010GE0D491	SFP LX transceiver coded for TP-Link
SF0336	SFP13010GE0D000SYNOL	SFP LX transceiver coded for Synology

SFP Copper RJ45 transceiver 1000Base-T

- Suited for connecting equipment with a 1G fiber port to a Cat5E/6/6A UTP of S/FTP cable

Technical specifications

Form factor	: SFP
Media	: Copper
Network protocol	: Gigabit Ethernet
Max. distance	: 100 m

Type no.	Manufacturer no.	Description
SF0114	SFT00P10GE0A000	SFP copper transceiver coded for open platform
SF0235	SFT00P10GE0A103	SFP copper transceiver coded for Cisco
SF0340	SFT00P10GE0AAE9	SFP copper transceiver coded for Linksys
SF0341	SFT00P10GE0A000ZYXEL	SFP copper transceiver coded for Zyxel
SF0103	SFT00P10GE0AJ10	SFP copper transceiver coded for Allied Telesys
SF0400	SFT00P10GE0A000SYNOL	SFP copper transceiver coded for Synology

SFP Copper RJ45 transceiver 10/100/1000Base-T

- Suited for connecting equipment with a 1G fiber port to a Cat5E/6/6A UTP of S/FTP cable

Technical specifications

Form factor	: SFP
Media	: Copper
Network protocol	: Ethernet, Fast Ethernet, Gigabit Ethernet
Max. distance	: 100 m
Connector type	: RJ45

Type no.	Manufacturer no.	Description
SF0337	SGT00P10DR0A223	SFP copper transceiver coded for HP procurve
SF0357	SGT00P10DR0A535	SFP copper transceiver coded for HP H3C
SF0338	SGT00P10DR03729	SFP copper transceiver coded for Brocade
SF0107	SGT00P10DR0AC09	SFP copper transceiver coded for Juniper
SF0361	SGT00P10DR0I280	SFP copper transceiver coded for Arista
SF0339	SGT00P10DR0A986	SFP copper transceiver coded for Netgear
SF0120	SGT00P10DR0AJ4D	SFP copper transceiver coded for D-Link

Skylane Optics Fiber SFP+ Tranceivers

SFP+ SR transceiver module

- Suited for connecting equipment with a 10G fiber port to a multimode cable

Technical specifications

Form factor	: SFP+
Media	: Multimode
Network protocol	: 10 Gigabit Ethernet
Max. distance	: 300 m
Connector type	: LC
Number of fibers	: 2
Wavelength Rx	: 850 nm
Wavelength Tx	: 850 nm

Type no.	Manufacturer no.	Description
SF0084	SPP85P30100D123	SFP+ SR transceiver coded for Cisco
SF0075	SPP85P3010GD205	SFP+ SR transceiver coded for HP Procurve
SF0100	SPP85P30100D536	SFP+ SR transceiver coded for HP H3C
SF0092	SPP85P30100D257	SFP+ SR transceiver coded for Brocade
SF8016	SPP85P30100DC16	SFP+ SR transceiver coded for Juniper
SF0362	SPP85P3010AD283	SFP+ SR transceiver coded for Arista
SF0176	SPP85P30100DO12	SFP+ SR transceiver coded for Mellanox
SF0002	SPP85P30100D000	SFP+ SR transceiver coded for open platform
SF0096	SPP85P30100D992	SFP+ SR transceiver coded for Netgear
SF8235	SPP85P30100DAEA	SFP+ SR transceiver coded for Linksys
SF0342	SPP85P30100D000ZYXEL	SFP+ SR transceiver coded for Zyxel
SF0343	SPP85P30100DJ25	SFP+ SR transceiver coded for Allied Telesys
SF0344	SPP85P30100DJ46	SFP+ SR transceiver coded for D-Link
SF0064	SPP85P30100D494	SFP+ SR transceiver coded for TP-Link
SF0345	SPP85P30100D000SYNOL	SFP+ SR transceiver coded for Synology

SFP+ LR transceiver module

- Suited for connecting equipment with a 10G fiber port to a singlemode cable

Technical specifications

Form factor	: SFP+
Media	: Singlemode
Network protocol	: 10 Gigabit Ethernet
Max. distance	: 10000 m
Connector type	: LC
Number of fibers	: 2
Wavelength Rx	: 1310 nm
Wavelength Tx	: 1310 nm

Type no.	Manufacturer no.	Description
SF0085	SPP13010100D124	SFP+ LR transceiver coded for Cisco
SF0076	SPP1301010GD206	SFP+ LR transceiver coded for HP Procurve
SF0101	SPP13002100D538	SFP+ LR transceiver coded for HP H3C
SF8015	SPP13010100D258	SFP+ LR transceiver coded for Brocade
SF8017	SPP13010100DC18	SFP+ LR transceiver coded for Juniper
SF0363	SPP1301010AD281	SFP+ LR transceiver coded for Arista
SF0346	SPP13010100DO13	SFP+ LR transceiver coded for Mellanox
SF0389	SPP13010100D000	SFP+ LR transceiver coded for open platform
SF0097	SPP13010100D993	SFP+ LR transceiver coded for Netgear
SF0260	SPP13010100DAEB	SFP+ LR transceiver coded for Linksys
SF0347	SPP13010100D000ZYXEL	SFP+ LR transceiver coded for Zyxel
SF0348	SPP13010100DJ26	SFP+ LR transceiver coded for Allied Telesys
SF0349	SPP13010100DJ47	SFP+ LR transceiver coded for D-Link
SF0350	SPP13010100D495	SFP+ LR transceiver coded for TP-Link
SF8053	SPP13010100D000Synol	SFP+ LR transceiver coded for Synology

SFP+ Copper RJ45 transceiver 10GBase-T

- Suited for connecting equipment with a 10G fiber port to a Cat6A UTP of S/FTP cable

Technical specifications

Form factor	: SFP+
Media	: Copper
Network protocol	: 10 Gigabit Ethernet
Max. distance	: 30 m
Connector type	: RJ45

Type no.	Manufacturer no.	Description
SF0174	SPT00M301000000	SFP+ copper transceiver coded for open platform
SF0351	SPT00M301000123	SFP+ copper transceiver coded for Cisco
SF0352	SPT00M301000O12	SFP+ copper transceiver coded for Mellanox
SF0404	SPT00M3010000000SYNOL	SFP+ copper transceiver coded for Synology

Skylane Optics Fiber QSFP Tranceiver

QSFP+ SR4 transceiver module

- Suited for connecting equipment with a 40G fiber port to a multimode MTP/MPO cable

Technical specifications

Form factor	: QSFP+
Media	: Multimode
Network protocol	: 40 Gigabit Ethernet
Max. distance	: 100 m
Connector type	: MTP (MPO)
Number of fibers	: 8
Wavelength Rx	: 850 nm
Wavelength Tx	: 850 nm

Type no.	Manufacturer no.	Description
SF0353	QFP85P1040PDAC3	QSFP+ SR4 transceiver coded for Cisco
SF0358	QFP85P1040PDL01	QSFP+ SR4 transceiver coded for HP H3C
SF0354	QFP85P1040PD27G	QSFP+ SR4 transceiver coded for Brocade
SF0355	QFP85P1040PDC32	QSFP+ SR4 transceiver coded for Juniper
SF0364	QFP85P1040PDE76	QSFP+ SR4 transceiver coded for Arista
SF0356	QFP85P1040PDO15	QSFP+ SR4 transceiver coded for Mellanox
SF0003	QFP85P1040PD000	QSFP+ SR4 transceiver coded for open platform

QSFP28 SR4 transceiver module

- Suited for connecting equipment with a 100G fiber port to a multimode MTP/MPO cable

Technical specifications

Form factor	: QSFP28
Media	: Multimode
Network protocol	: 100 Gigabit Ethernet
Max. distance	: 100 m
Connector type	: MTP (MPO)
Number of fibers	: 8
Wavelength Rx	: 850 nm
Wavelength Tx	: 850 nm

Type no.	Manufacturer no.	Description
SF0365	Q2885P10C0PFAD5	QSFP28 SR4 transceiver coded for Cisco
SF0366	Q2885P10C0PFK9D	QSFP28 SR4 transceiver coded for HP H3C
SF0367	Q2885P10C0PFC3K	QSFP28 SR4 transceiver coded for Juniper
SF0368	Q2885P10C0PFE7F	QSFP28 SR4 transceiver coded for Arista
SF0369	Q2885P10C0PFO1W	QSFP28 SR4 transceiver coded for Mellanox

DAC / Twinax cables

Copper cable with on both sides a (Q)SFP module

DAC stands for Direct Attach Copper and is also called Twinax cable. This is a copper cable with a (Q)SFP at both ends module that can be placed in a fibre optic port to become.

Available in different types
DAC cables are made up of passive cables without active electronics. because of this the price is very interesting in relation to individual transceivers and cabling. Because these cables are passive, the distance that can be bridged is short.

We recommend a maximum of 5 meters for an optimal connection at 40G and maximum 3 meters at 100G. The cables are available for speeds from 10G to 100G. There are two types of DAC cables: DAC cables that have two ports of equal speed interconnect and breakout cables that connect one port with four ports.

Below you can find which type of DAC cable for which speed is the best option:

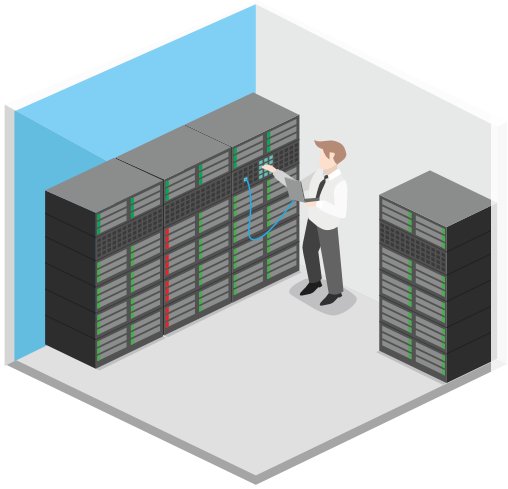
Speed	10G	40G-4X10G	40G
Type cable	SFP+-SFP+	QSFP+-4xSFP+	QSFP+-QSFP+
Speed	25G	100G-4X25G	100G
Type cable	SFP28-SFP28*	QSFP28-4XSFP28*	QSFP28-QSFP28*

**Available on request*

Applications:
DAC cables are applied in 19" cabinets to connect a switch with storage- or server equipment. Setups where a switch is placed in a rack are called TOR (Top of Rack).

Advantages:
- ✓ A completely passive solution which makes it attractively priced
- ✓ Low power consumption
- ✓ Suitable for use within 19" for Top of rack applications

Point of attention:
- ✓ Suitable for short distances
- ✓ Relative thick cables because of the use of copper
- ✓ Equipment must support passive DAC cables



Skylane Optics Direct Attached Cable (DAC)

SFP+-SFP+ passive DAC (Direct Attach Copper) Twinax cable

- Skylane offers onsite support

Technical specifications

Form factor	: SFP+
Media	: Copper
Network protocol	: 10 Gigabit Ethernet
Cable technology	: DAC

Type no.	Manufacturer no.	Description
SF0390	DAPSSC50100CB70	Length: 0.5 m coded for Cisco
SF0391	DAPSSM01100CB70	Length: 1 m coded for Cisco
SF0392	DAPSSM02100B70	Length: 2 m coded for Cisco
SF0393	DAPSSM03100CB71	Length: 3 m coded for Cisco
SF0395	DAPSSM05100CB72	Length: 5 m coded for Cisco
SF0421	DAPSSM01100H517	Length: 1 m coded for HP H3C
SF0422	DAPSSM02100H517	Length: 2 m coded for HP H3C
SF0423	DAPSSM03100H518	Length: 3 m coded for HP H3C
SF0425	DAPSSM05100H518	Length: 5 m coded for HP H3C
SF0470	DAPSSC501000C53	Length: 0.5 m coded for Juniper
SF0471	DAPSSM011000C53	Length: 1 m coded for Juniper
SF0472	DAPSSM021000C53	Length: 2 m coded for Juniper
SF0473	DAPSSM031000C26	Length: 3 m coded for Juniper
SF0475	DAPSSM051000C54	Length: 5 m coded for Juniper
SF0530	DAPSSC501000O17	Length: 0.5 m coded for Mellanox
SF0531	DAPSSM011000O18	Length: 1 m coded for Mellanox
SF0532	DAPSSM021000O19	Length: 2 m coded for Mellanox
SF0533	DAPSSM031000O1A	Length: 3 m coded for Mellanox
SF0535	DAPSSM051000O1B	Length: 5 m coded for Mellanox
SF0500	DAPSSC501000286	Length: 0.5 m coded for Arista
SF0501	DAPSSM011000289	Length: 1 m coded for Arista
SF0502	DAPSSM021000293	Length: 2 m coded for Arista
SF0503	DAPSSM031000290	Length: 3 m coded for Arista
SF0505	DAPSSM051000291	Length: 5 m coded for Arista
SF0380	DAPSSC501000000	Length: 0.5 m coded for open platform
SF0381	DAPSSM011000000	Length: 1 m coded for open platform
SF0382	DAPSSM021000000	Length: 2 m coded for open platform
SF0383	DAPSSM031000000	Length: 3 m coded for open platform
SF0385	DAPSSM051000000	Length: 5 m coded for open platform
SF8192	DAPSSM011000987	Length: 1 m coded for Netgear
SF0158	DAPSSM021000987	Length: 2 m coded for Netgear
SF8097	DAPSSM031000988	Length: 3 m coded for Netgear
SF0379	DAPSSM051000988	Length: 5 m coded for Netgear
SF0561	DAPSSM011000000ZYXEL	Length: 1 m coded for Zyxel
SF0562	DAPSSM021000000ZYXEL	Length: 2 m coded for Zyxel
SF0563	DAPSSM031000000ZYXEL	Length: 3 m coded for Zyxel
SF0565	DAPSSM051000000ZYXEL	Length: 5 m coded for Zyxel

QSFP+-QSFP+ passive DAC (Direct Attach Copper) Twinax cable

- Suited for use in equipment with 10G and 40G fiber ports

Technical specifications

Form factor	: QSFP+
Media	: Copper
Network protocol	: 40 Gigabit Ethernet
Cable technology	: DAC

Type no.	Manufacturer no.	Description
SF0571	DAPQQM01400CB84	Length: 1 m coded for Cisco
SF0572	DAPQQM02400CB84	Length: 2 m coded for Cisco
SF0573	DAPQQM03400CB85	Length: 3 m coded for Cisco
SF0575	DAPQQM05400CB86	Length: 5 m coded for Cisco
SF0430	DAPQQC50400HL03	Length: 0.5 m coded for HP H3C
SF0431	DAPQQM01400HL03	Length: 1 m coded for HP H3C
SF0433	DAPQQM03400HL04	Length: 3 m coded for HP H3C
SF0435	DAPQQM05400HL05	Length: 5 m coded for HP H3C
SF0481	DAPQQM014000C58	Length: 1 m coded for Juniper
SF0483	DAPQQM034000C59	Length: 3 m coded for Juniper
SF0485	DAPQQM054000C60	Length: 5 m coded for Juniper
SF0541	DAPQQM014000O1G	Length: 1 m coded for Mellanox
SF0542	DAPQQM024000O1H	Length: 2 m coded for Mellanox
SF0543	DAPQQM034000O1I	Length: 3 m coded for Mellanox
SF0545	DAPQQM054000O1K	Length: 5 m coded for Mellanox
SF0510	DAPQQC504000E70	Length: 0.5 m coded for Arista
SF0511	DAPQQM014000E71	Length: 1 m coded for Arista
SF0512	DAPQQM024000E72	Length: 2 m coded for Arista
SF0513	DAPQQM034000E73	Length: 3 m coded for Arista
SF0515	DAPQQM054000E74	Length: 5 m coded for Arista
SF0451	DAPQQM01400027U	Length: 1 m coded for Brocade
SF0453	DAPQQM03400027V	Length: 3 m coded for Brocade

QSFP+-4xSFP+ passive DAC (Direct Attach Copper) Twinax cable

- Skylane offers onsite support

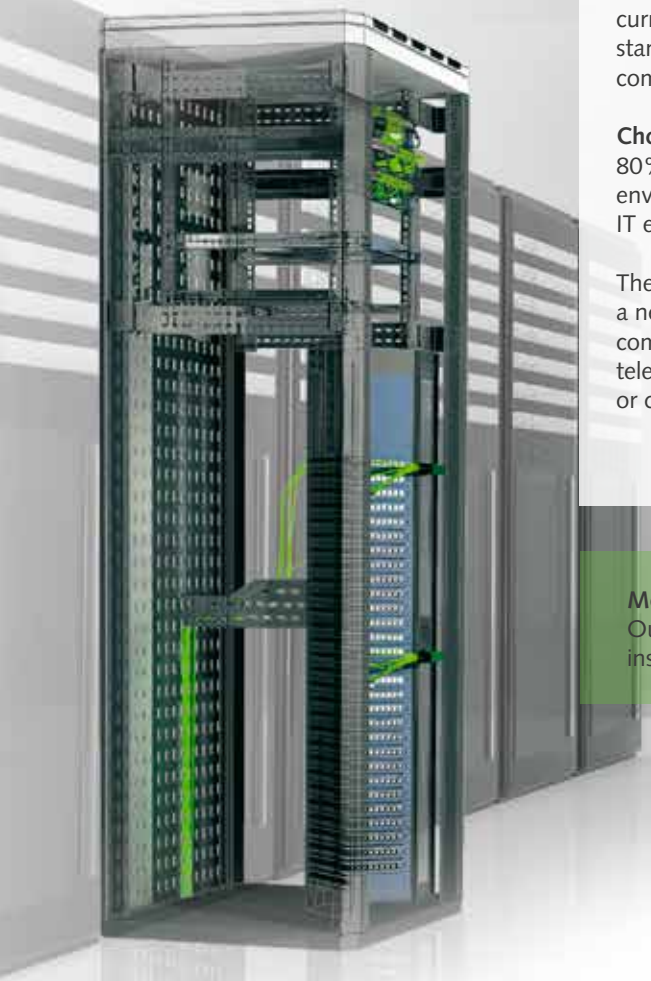
Technical specifications

Form factor	: QSFP+, SFP+
Media	: Copper
Network protocol	: 40/10 Gigabit Ethernet
Cable technology	: DAC

Type no.	Manufacturer no.	Description
SF0401	DAPQSM014000B78	Length: 1 m coded for Cisco
SF0402	DAPQSM02400CB99	Length: 2 m coded for Cisco
SF0403	DAPQSM034000B79	Length: 3 m coded for Cisco
SF0405	DAPQSM054000B77	Length: 5 m coded for Cisco
SF0440	DAPQSC50400HL06	Length: 0.5 m coded for HP H3C
SF0441	DAPQSM01400HL06	Length: 1 m coded for HP H3C
SF0442	DAPQSM02400HL06	Length: 2 m coded for HP H3C
SF0443	DAPQSM03400HL07	Length: 3 m coded for HP H3C
SF0445	DAPQSM05400HL08	Length: 5 m coded for HP H3C
SF0490	DAPQSC504000C38	Length: 0.5 m coded for Juniper
SF0491	DAPQSM014000C38	Length: 1 m coded for Juniper
SF0492	DAPQSM024000C38	Length: 2 m coded for Juniper
SF0493	DAPQSM034000C39	Length: 3 m coded for Juniper
SF0495	DAPQSM054000C3A	Length: 5 m coded for Juniper
SF0550	DAPQSC504000O1D	Length: 0.5 m coded for Mellanox
SF0551	DAPQSM014000O1D	Length: 1 m coded for Mellanox
SF0552	DAPQSM024000O1D	Length: 2 m coded for Mellanox
SF0520	DAPQSC504000296	Length: 0.5 m coded for Arista
SF0521	DAPQSM014000297	Length: 1 m coded for Arista
SF0522	DAPQSM024000298	Length: 2 m coded for Arista
SF0523	DAPQSM034000299	Length: 3 m coded for Arista
SF0525	DAPQSM05400029A	Length: 5 m coded for Arista
SF0460	DAPQSC50400027A	Length: 0.5 m coded for Brocade
SF0461	DAPQSM01400027A	Length: 1 m coded for Brocade
SF0462	DAPQSM02400027A	Length: 2 m coded for Brocade
SF0463	DAPQSM03400027B	Length: 3 m coded for Brocade
SF0465	DAPQSM05400027C	Length: 5 m coded for Brocade

Multimedia Connect network cabling systems

Patch panels, key stones and twisted pair cables guarantee high performance



Innovative solutions
The innovative Multimedia Connect solutions (consists of patch panels, key stones and twisted pair cables) guarantee the highest performance for your current and future needs. All our systems exceed the specifications of the relevant standards, including the current Category 6A (direct probing certification of components by Delta Electronics).

Choice of infrastructure
80% of all structured cabling systems are installed in offices. In such an environment is the choice of the system category completely dependent on the IT equipment that needs to be supported now and in the future.

The expected lifetime for a cabling system is 12 years, so the best choice for a new system is to support 10G over twisted pair. Such cabling also supports complete IP-based systems for communication and building management (IP telephones, IP cameras, IP Building Management System) without any restriction or change in infrastructure.

More info?
Our teams of specialists will advice and support you from the design phase to the installation of your solution.

Multimedia Connect

Patchpanel copper

Patchpanel BC modular shielded 24 ports

- Patchpanels are used in 19" cabinets to connect permanent cabling with equipment using patchcables. For identification the connections are numbered and labeled.

Technical specifications

Colour	: Dark Grey
Shielding type	: Shielded
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 16.50 cm

Type no.	Manufacturer no.	Description
MM1000	BCPAN1U	Patchpanel shielded unloaded 24 ports for BC keystones

Patchpanel BC modular shielded angled 48 ports

- Patchpanels are used in 19" cabinets to connect permanent cabling with equipment using patchcables. For identification the connections are numbered and labeled.

Technical specifications

Number of ports/slots	: 48
Height units	: 1 U

Type no.	Manufacturer no.	Description
MM8000	BCPAN1UV48P	Patchpanel BC modular shielded angled 48 ports

Patchpanel BC modular unshielded 24 ports

- Patchpanels are used in 19" cabinets to connect permanent cabling with equipment using patchcables. For identification the connections are numbered and labeled.

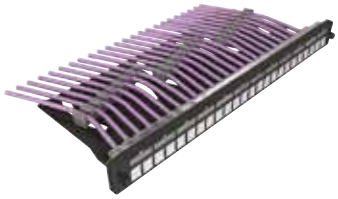
Technical specifications

Shielding type	: Unshielded
Colour	: Black
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 16.50 cm

Type no.	Manufacturer no.	Description
MM1001	BCPAN1UL	Patchpanel unshielded unloaded 24 ports for BC keystones

Patchpanel IV modular shielded 24 ports

- Patchpanels are used in 19" cabinets to connect permanent cabling with equipment using patchcables. For identification the connections are numbered and labeled.



Technical specifications

Number of ports/slots	: 24
Height units	: 1 U
Depth	: 16.94 cm

Type no.	Manufacturer no.	Description
MM0030	IVPAN1U	Patchpanel IV modular shielded 24 ports

Patchpanel BC CAT6 loaded unshielded 24 ports

- Patchpanels are used in 19" cabinets to connect permanent cabling with equipment using patchcables. For identification the connections are numbered and labeled.

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT6
Min. wire gauge	: 24 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 43.50 cm

Type no.	Manufacturer no.	Description
MM1016	BC6NBPANSB24	Patchpanel CAT 6 UTP loaded 24 ports

Patchpanel blank for BC keystone

- Individual shutter for "BC" patch panel

Type no.	Manufacturer no.	Description
MM1002	BCOB	Patchpanel blank for BC panelport

Cable management panel with brush

- Painting powders epoxy Grey anthracite RAM 7016
- Brush nylon black

Technical specifications

Colour	: Black

Type no.	Manufacturer no.	Description
MM1020	MMCPFB1UG	Cable management panel with brush

Multimedia Connect - Patchpanel fiber

Patchpanel fiber

Fiber panel chassis

- 19" sliding unloaded chassis for removable front plates, adjustable in depth.
- For frontplates see MM0003, MM0004, MM0005, MM0006
- Up to 96 LC connections thanks to the 48 x LCD ports removable front plate

Technical specifications

U	: 1
Width	: 482.60 mm
Depth	: 250.00 mm

Type no.	Manufacturer no.	Description
MM0001	CH1U	Fiber panel chassis

Fiber panel front unloaded for 24 x SC duplex or LC quad adapters

- Each front plate has 3 x label faceplates that permits easy port ID

Type no.	Manufacturer no.	Description
MM0003	FU1U24SCDLCQ	Fiber panel front unloaded for 24 x SC duplex or LC quad adapters

Fiber panel front unloaded for 24 x S simplex or LC duplex adapters

- Each front plate has 3 x label faceplates that permits easy port ID
- Front plate have screwless holding system for adapters, but screws are also allowed if preferred

Type no.	Manufacturer no.	Description
MM0004	FU1U24SCSLCD	Fiber panel front unloaded for 24 x S simplex or LC duplex adapters

Fiber panel front unloaded for 48 x SC simplex or LC duplex adapters

- Each front plate has 3 x label faceplates that permits easy port ID

Type no.	Manufacturer no.	Description
MM0006	FU1U48SCSLCD	Fiber panel front unloaded for 48 x SC simplex or LC duplex adapters

Fiber panel splice tray

- Stackable 24 cores splice tray for heat shrinks
- Rotating upper additional splice trays for an easier access to the bottom splice tray
- 4 splice trays can be stacked on a 1U height patch panel (96 cores)

Type no.	Manufacturer no.	Description
MM0002	48K724FO2298	Fiber panel splice tray

Keystones

Keystone Jack BC CAT6A shielded toolless

- Keystones/modular jacks connect the RJ45 connector of a patchcable to wires of an installation cable.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 24 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MM1005	BC6AFSTL8	Keystone Jack BC CAT6A shielded tooless version

Keystone Jack BC CAT6A unshielded toolless

- Keystone / modular jacks are used to install the permanent cabling on the wall outlet or in the patch panel.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT6A
Min. wire gauge	: 24 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MM0032	BC6ANBTL50	Keystone Jack BC CAT6A unshielded toolless

Keystone Jack IV CAT6A shielded toolless

- Keystone / modular jacks are used to install the permanent cabling on the wall outlet or in the patch panel.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 24 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MM0031	IV6AFS8	!NO_VALUE!

Keystone Jack BC CAT6 shielded toolless

- Keystones/modular jacks connect the RJ45 connector of a patchcable to wires of an installation cable.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6
Min. wire gauge	: 24 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MM1003	BC6FSTL8	Keystone Jack BC CAT6 shielded

Keystone Jack BC CAT6 unshielded

- Keystones/modular jacks connect the RJ45 connector of a patchcable to wires of an installation cable.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Left, Right, Straight
Shielded	: No
Category	: CAT6
Min. wire gauge	: 24 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MM1015	BC6NB	Keystone Jack BC CAT6 unshielded

Coupler BC CAT6A shielded

- Shielded coupler for connection of two RJ45 patchcords

Technical specifications

Connector type	: RJ45
Shielded	: Yes
Category	: CAT6A

Type no.	Manufacturer no.	Description
MM1021	COUPLK6AFS	Keystone Coupler CAT6A shielded

BC Keystone Tool

- Quick assembly for BC keystones.
- Integrated wire stripper.
- Wire cutter.
- Scale for measuring stripping length.
- Integrated LED.

Type no.	Manufacturer no.	Description
MM9090	BCTOOLS	BC Keystone termination tool

RJ45 Port locker

- Package of 10 pieces and 1 key

Type no.	Manufacturer no.	Description
MM0034	LOCKRJ45R	RJ45 Port locker

Multimedia Connect - Twisted pair cable

Twisted pair cable

CAT6A U/FTP Solid LSZH

- CAT6A U/FTP permanent twisted pair cable

Technical specifications

Length per packaging	: 500.00 m
Shielding type	: U/FTP
Category	: CAT6A
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 7.30 mm
Impedance	: 100 Ω
Bandwidth	: 525 MHz
Cable colour	: Violet
Colour number	: RAL 4001
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM6059

Cable colour	: Purple
Colour number	: RAL 4001

Type no.	Manufacturer no.	Description
MM6059	5254SH5	CAT6A U/FTP Solid LSZH 500m (Reel 500 mtr)

CAT6A F/FTP Solid LSZH, 500 m

- Very suitable for HDBaseT applications

Technical specifications

Length per packaging	: 500.00 m
Shielding type	: F/FTP
Category	: CAT6A
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 7.40 mm
Impedance	: 100 Ω
Bandwidth	: 555 MHz
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM6060

Cable colour	: Purple
Colour number	: RAL 4001

Type no.	Manufacturer no.	Description
MM6060	F5554SH5	CAT6A F/FTP Solid LSZH, 500 m purple (Roll 500 mtr)

CAT6A F/FTP Solid LSZH, 305 m

- Very suitable for HDBaseT applications

Technical specifications

Length per packaging	: 305.00 m
Shielding type	: F/FTP
Category	: CAT6A
Class	: EA
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 7.40 mm
Bandwidth	: 555 MHz
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM0028

Cable colour	: Purple
Colour number	: RAL 4001

Type no.	Manufacturer no.	Description
MM0028	F5554SHB	CAT6A F/FTP Solid LSZH, 305 m purple (Box 305 mtr)

CAT6 U/UTP Solid LSZH 305 m

- CAT6 U/UTP permanent twisted pair cable

Technical specifications

Length per packaging	: 305.00 m
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 6.20 mm
Impedance	: 100 Ω
Bandwidth	: 250 MHz
Colour number	: RAL 5024
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM6050

Cable colour	: Blue
Colour number	: RAL 5024

Type no.	Manufacturer no.	Description
MM6050	VG64SHB	CAT6 U/UTP solid LSZH 305m (Box 305 mtr)

CAT6 U/UTP Solid LSZH 500 m

- CAT6 U/UTP permanent twisted pair cable

Technical specifications

Length per packaging	: 500.00 m
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 6.20 mm
Impedance	: 100 Ω
Bandwidth	: 250 MHz
Cable colour	: Blue
Colour number	: RAL 5024
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM6052

Cable colour	: Blue
Colour number	: RAL 5024

Type no.	Manufacturer no.	Description
MM6052	VG64SH5	CAT6 U/UTP Solid LSZH 500m (Reel 500 mtr)

CAT6 F/UTP Solid LSZH 305 m

- CAT6 F/UTP permanent twisted pair cable

Technical specifications

Length per packaging	: 305.00 m
Shielding type	: F/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 7.00 mm
Impedance	: 100 Ω
Bandwidth	: 350 MHz
Colour number	: RAL 5024
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM6053

Cable colour	: Blue
Colour number	: RAL 5024

Type no.	Manufacturer no.	Description
MM6053	CX64SHB	CAT6 F/UTP Solid LSZH 305m (Box 305 mtr)

CAT6 F/UTP Solid LSZH 500 m

- CAT6 F/UTP permanent twisted pair cable

Technical specifications

Length per packaging	: 500.00 m
Shielding type	: F/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 7.00 mm
Impedance	: 100 Ω
Bandwidth	: 350 MHz
Colour number	: RAL 5024
Min. working temperature	: -20 °C
Max.working temperature	: 70 °C
CPR Euroclass	: Dca

MM6054

Cable colour	: Blue
Colour number	: RAL 5024

Type no.	Manufacturer no.	Description
MM6054	CX64SH5	CAT6 F/UTP Solid LSZH 500m (Reel 500 mtr)

Certified Network

Molex

Patchpanels Copper Loaded

Patchpanel shielded 24 ports for keystones with cable management bar

- Easy snap in UTP and FTP Keystone (sold separately)
- Removable cable management shelf ensure bend radius compliance
- Front port labeling

Type no.	Manufacturer no.	Description
MX8166	PID-00257	Patchpanel shielded 24 ports for keystones with cable management bar

Molex PowerCAT 6 unshielded patchpanel 24 ports Datagate

The PowerCat 6 patchpanel features the shuttered DataGate™ connector. This connector provides a unique spring loaded shutter that not only protects it from dust and contaminates, but it also ejects improperly seated patch cords. This panel is supplied with a rear cable management tray for cable strain relief and neat cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site specific network administration.

- DataGate? connectors features a unique spring loaded shutter that protects against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type : Unshielded

Type no.	Manufacturer no.	Description
MX0003	PID-00141	Ports: CAT6 24 x RJ-45 unshielded

Molex PowerCAT 6A shielded patchpanel 24 ports Datagate

The PowerCat 6A Shielded Patch Panel features the unique DataGate™ Shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilising robust die-cast zinc alloy connector body housing. This shielded connector also features a unique spring loaded shutter that not only protects against dust and contaminates, but also eliminates the risc of improperly seated patch cords. The shielded connector is dual colour coded for either 568A or 568B wiring schedules. The DataGate PowerCat 6A Shielded connector is specifically developed for high-speed data transmission; designed to exceed the highest electrical performance standards in the industry. The DataGate PowerCat 6A Shielded connector is backwards compatible with Shielded C6 and C5e systems.

- DataGate ? connectors features a unique spring loaded shutter that protects against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type : Shielded

Type no.	Manufacturer no.	Description
MX0001	PID-00217	Ports: CAT6A 24 x RJ-45 Shielded

Molex PowerCAT 6 shielded patchpanel 24 ports Datagate

The PowerCat 6 patchpanel features the shuttered DataGate™ connector. This connector provides a unique spring loaded shutter that not only protects it from dust and contaminates, but it also ejects improperly seated patch cords. This panel is supplied with a rear cable management tray for cable strain relief and neat cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site specific network administration.

- DataGate™ connectors features a unique spring loaded shutter that protects against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type : Shielded

Type no.	Manufacturer no.	Description
MX0038	PID-00182	Ports: CAT6 24 x RJ-45 shielded

Molex PowerCAT 5E unshielded patchpanel 24 ports Datagate

The PowerCat 5E patchpanel features the shuttered DataGate™ connector. This connector provides a unique spring loaded shutter that not only protects it from dust and contaminates, but it also ejects improperly seated patch cords. This panel is supplied with a rear cable management tray for cable strain relief and neat cable dressing. Port numbering is provided on the front and rear of the panel and individual ports may be colour coded using connector icon labels for site specific network administration.

- Datagate™ connectors features a unique spring loaded shutter that protect against dust.
- Integral cable management shelf ensure bend radius compliance
- EIA 568A/B colour coded
- ETL Verified

Technical specifications

Shielding type : Unshielded

Type no.	Manufacturer no.	Description
MX8033	PID-00174	Ports: CAT5E 24 x RJ-45 unshielded

Patchpanels Copper unloaded

Molex PowerCAT unloaded patchpanel 24 ports Datagate

- For Shielded or Unshielded Datagate connectors
- Datagate™ connectors features a unique spring loaded shutter that protect against dust.
- Integral cable management shelf ensure bend radius compliance

Type no.	Manufacturer no.	Description
MX8077	PID-00258	24 ports unloaded panel

Molex PowerCAT unloaded patchpanel 24 ports Datagate unshielded

- For Unshielded Datagate connectors
- Datagate™ connectors features a unique spring loaded shutter that protect against dust.
- Integral cable management shelf ensure bend radius compliance

Type no.	Manufacturer no.	Description
MX8009	PID-00254	Molex PowerCAT unloaded patchpanel 24 ports Datagate unshielded

Molex PowerCAT unloaded patchpanel 24 ports Keystone

- Accept UTP keystone jacks only
- Integral cable management shelf ensure bend radius compliance

Type no.	Manufacturer no.	Description
MX8048	PID-00210	24 ports unloaded panel

Cable management panel

Molex Ring Run Panel, 1U

Cable Management Panels provide cable dressing during installation or changes and provide an organised format for system maintenance. Panels are comprised of black Lexan rings mounted on graphite grey powdercoat panels and include mounting material.

- 1U Standard 19" rack mount
- Robust construction.
- Flexible rings for convenient operation
- Rounded edges to prevent damage to patch cords

Type no.	Manufacturer no.	Description
MX0007	25.B016G	cable management panel 5 ring 1U

Datagate and Keystones

Molex PowerCAT 6A STP Datagate jack

The product offers superior alien crosstalk suppression, excellent insertion loss protection and enhanced electromagnetic interferance (EMI) protection. Protection is provided by utilising a robust die-cast zinc alloy connector body housing. This shielded jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords.
The product is dual colour coded for either 568A or 568B wiring schedules and is backwards compatible with Shielded C6 and C5e systems. Also available in side entry variation, ideal for use in work area outlet applications with limited back box space.

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High Density Datagate panel.
- Robust zinc die-cast housing

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX2036	KSJ-00062-04	Datagate CAT6A Black

Molex PowerCAT 6A shielded keystone jack, toolless

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ-45 Keystone Jack is compatible with any product that accepts the standard keystone profile

- Toolless
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High keystone panel.
- For keystone walloutlets

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX8047	KSJ-00079	Molex PowerCAT 6A shielded keystone jack, toolless

Molex PowerCAT 6 UTP Datagate jack

The DataGate Jack is the cornerstone of the Molex Premise Networks PowerCat 6 System performance. This jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded
design also ejects improperly seated patch cords. The product is dual colour coded for either 568A or 568B wiring schedules and is backwards compatible with C5e systems.

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High Density Datagate panel.
- In two colors

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX8088	KSJ-00018-04	Datagate CAT6 Black

Molex PowerCAT 6 UTP Keystone jack

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ-45 Keystone Jack is compatible with any product that accepts the standard keystone profile

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port High keystone panel.
- For keystone walloutlets

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX8089	KSJ-00033-04	Keystone CAT6 Black
MX8035	KSJ-00033-02	Keystone CAT6 White

Molex PowerCAT 5E UTP Keystone jack

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ-45 Keystone Jack is compatible with any product that accepts the standard keystone profile

- IDC compatible with 110 & Krone tool.
- Universal labels color-coded for T568A and T568B wiring schemes.
- Fitting 1U 24 port keystone panel.
- For keystone walloutlets

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
MX2037	KSJ-00032-02	Keystone CAT5E White
MX8034	KSJ-00032-04	Keystone CAT5E Black

Wall mounting material

Molex unloaded 2 port keystone facia with bezel 50 x 50 mm

- 50 x 50 mm angled fascia with bezel
- Integral shutters
- Protected labelling facility
- Compatible with Keystone Jacks

Technical specifications

Dimensions	: 50 x 50 mm (DIN 49075)

Type no.	Manufacturer no.	Description
MX2049	WNC-00052-02	Molex unloaded 2 port keystone facia with bezel 50 x 50 mm

Molex PowerCAT module for Belgium

Technical specifications

Dimensions	: 22.5 x 45 mm

Type no.	Manufacturer no.	Description
MX0035	MLG-00021-02	C6 UTP 1 x RJ-45 22.5 X 45 mm

Molex PowerCAT 6A shielded 1 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

- Two Ports protected by spring loaded shutters
- Side cable entry
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2047	WNC-00050-02	Molex PowerCAT 6A shielded 1 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

- Two Ports protected by spring loaded shutters
- Side cable entry
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX8212	WNC-00051-02	Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, white 50 x 50 mm, side entry

Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX0002	WNC-00051-06	Molex PowerCAT 6A shielded 2 x RJ-45 shielded in wall module, 50 x 50 mm

Molex PowerCAT 6A Synergy surface box

- Stylish design, screw fixing
- Simple, organnised cable entry and installation
- Unloaded

molex

Type no.	Manufacturer no.	Description
MX2035	SSY-00015-02	4 Ports unloaded
MX8103	SSY-00016-02	6 Ports unloaded

Molex PowerCAT 6A Synergy surface box

- Stylish design, screw fixing
- Simple, organnised cable entry and installation
- Unloaded

molex

Type no.	Manufacturer no.	Description
MX8102	SSY-00014-02	2 Ports unloaded

Molex PowerCAT 6 UTP 1 x RJ45 in wall module , white, 50 x 50 mm

- One port protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2040	WNC-00030-02	Molex PowerCAT 6 UTP 1 x RJ45 in wall module , white, 50 x 50 mm

Molex PowerCAT 6 UTP 2 x RJ45 in wall module , off-white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX0004	WNC-00031-06	Molex PowerCAT 6 UTP 2 x RJ45 in wall module , off-white, 50 x 50 mm

Molex PowerCAT 6 UTP 2 x RJ45 in wall module , white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2042	WNC-00031-02	Molex PowerCAT 6 UTP 2 x RJ45 in wall module , white, 50 x 50 mm

Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, white, 50 x 50 mm

- One port protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connecto

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2043	WNC-00036-02	Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, white, 50 x 50 mm

Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, off white, 50 x 50 mm

- One port protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connecto

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2044	WNC-00036-06	Molex PowerCAT 6 shielded 1 x RJ-45 shielded in wall module, off white, 50 x 50 mm

Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2045	WNC-00037-02	Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, white, 50 x 50 mm

Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, off white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- 360° shielded shuttered RJ45 DataGate connector

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2046	WNC-00037-06	Molex PowerCAT 6 shielded 2 x RJ-45 shielded in wall module, off white, 50 x 50 mm

Molex PowerCAT 5E UTP 2 x RJ45 in wall module, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX0006	WNC-00020-06	Molex PowerCAT 5E UTP 2 x RJ45 in wall module, 50 x 50 mm

Molex PowerCAT 5E UTP 2 x RJ45 in wall module, white, 50 x 50 mm

- Two Ports protected by spring loaded shutters
- EIA 568B colour coded

Technical specifications

Dimensions : 50 x 50 mm (DIN 49075)

molex

Type no.	Manufacturer no.	Description
MX2039	WNC-00020-02	Molex PowerCAT 5E UTP 2 x RJ45 in wall module, white 50 x 50 mm

Twisted Pair cable

Molex PowerCAT 7 S/FTP Solid cable

The Molex PowerCat 7 S/FTP Cable is specifically designed to support high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T). The cable is constructed of 4 screened pairs and a drain wire. This cable minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection.

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair S/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- Transmission C7 in a 1-600Mhz range as per IEC 61156-5

molex

Technical specifications

Shielding type : S/FTP
Category : CAT 7
Class : F
Conductor material : Copper
CPR compatible : Yes
CPR Euroclass : Dca,s1a,d1,a1
DoP number : MLXCES-2017-C-0013
Wire gauge (AWG) : 23
Conductor : Solid
Cable diameter : 7.00 mm
Outer jacket : LSZH
Bandwidth : 600.00 MHz
Cable colour : Violet
Colour number : RAL 4005

Type no.	Manufacturer no.	Description
MX8123	CAA-00358	Package: Reel 1000 m (Reel 1000 mtr)

Molex PowerCAT 6A U/FTP Solid cable

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard.

Technical specifications

Shielding type	: U/FTP
Category	: CAT6A
Class	: EA
Outer diameter	: 7.00 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Cca,s1a,d1,a1
DoP number	: MLXCES-2017-C-022
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 500.00 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX2001	CAA-0334-VL	Package: Reel 500 m (Roll 500 mtr)

Molex PowerCAT 6A U/FTP Solid cable

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard.

Technical specifications

Shielding type	: U/FTP
Category	: CAT6A
Class	: EA
Outer diameter	: 7.40 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: B2ca-s1a,d1,a1
DoP number	: MLXCES-2017-C-024
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 500.00 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX2060	CAA-00413-VL	Cat 6A U/FTP solid LSZH B2ca-s1a,d1,a1 23AWG violet 500 meter

Molex PowerCAT 6A U/FTP LSZH Solid cable

The Molex PowerCat 6A U/FTP Cable is specifically designed to support high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T). The cable is constructed of 4 screened pairs and a drain wire. This cable minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection.

- U/FTP LSZH cable
- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LSZH cable.
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic (EMI) protection.
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard.

Technical specifications

Shielding type	: F/UTP
Category	: CAT6A
Class	: E
Cable diameter	: 6.80 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Dca,s2,d1,a1
DoP number	: MLXCES-2017-C-011
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 500 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX0033	CAA-0322L-VL	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6A U/FTP solid underground cable

- U/FTP underground cable
- PE (UV) and nylon sheathed for greater protection
- UV resistant
- Water Resistant Gel

Technical specifications

Shielding type	: U/FTP
Category	: CAT6A
Class	: EA
Outer diameter	: 8.30 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Fca
DoP number	: MLXCES-2018-C-027
Wire gauge	: 0.56 mm
Conductor type	: Solid
Outer jacket	: Nylon
Bandwidth	: 500.00 MHz
Cable colour	: Blue
Min. working temperature	: -20 °C
Max.working temperature	: 75 °C

Type no.	Manufacturer no.	Description
MX2061	CAA-00418	Cat 6A U/FTP solid underground cable, Nylon/PE, CPR euroclass Fca 0.56mm, 305 meter

Molex PowerCAT 6 U/UTP LSZH Solid cable 500 m

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Length per packaging	: 500.00 m
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 6.20 mm
Impedance	: 100 Ω
Bandwidth	: 250 MHz
CPR Euroclass	: Dca

MX0032

Cable colour	: Purple
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX0032	CAA-00325	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6 U/UTP LSZH Solid cable 305 m

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

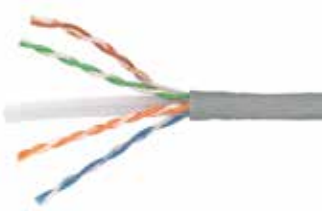
Length per packaging	: 305.00 m
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: LSZH
Outer diameter	: 6.20 mm
Impedance	: 100 Ω
Bandwidth	: 250 MHz
CPR Euroclass	: Dca

MX0034

Cable colour	: Purple
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX0034	CAA-00305	Package: Reel in box 305 m (Box 305 mtr)

Molex PowerCAT 6 U/UTP PVC Solid cable 500 m



PowerCAT 6 4 pair U/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

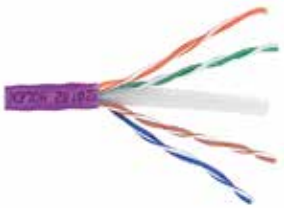
Length per packaging	: 500.00 m
Shielding type	: U/UTP
Category	: CAT6
Conductor material	: Copper
Conductor type	: Solid
Wire gauge	: 23 AWG
Outer jacket	: PVC
Outer diameter	: 6.20 mm
Impedance	: 100 Ω
Bandwidth	: 250 MHz
Min. working temperature	: -20 °C
Max.working temperature	: 65 °C
CPR Euroclass	: Eca

MX0055

Cable colour	: Grey
Colour number	: RAL 7037

Type no.	Manufacturer no.	Description
MX0055	CAA-00326	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6 U/UTP LSZH Solid cable



PowerCAT 6 4 pair U/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Unshielded 4 pair LSZH cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Shielding type	: U/UTP
Category	: CAT6
Class	: E
Outer diameter	: 6.60 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: B2ca -S1a, d1,a1
DoP number	: MLXCES-2018-C-026
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 250 MHz
Cable colour	: Violet
Colour number	: RAL 4005

Type no.	Manufacturer no.	Description
MX2059	CAA-0336-VL	Cat 6 U/UTP massief LSZH, B2ca -S1a, d1,a1, 23AWG violet 305 meter

Molex PowerCAT 6 F/UTP PVC Solid cable

PowerCAT 6 4 pair F/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Overal foil shielded 4 pair cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Shielding type	: F/UTP
Category	: CAT6
Class	: E
Outer diameter	: 7.00 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Eca
DoP number	: MLXCES-2017-C-009
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: PVC
Bandwidth	: 250 MHz
Cable colour	: Grey
Colour Number	: RAL 7037

Type no.	Manufacturer no.	Description
MX0056	CAA-00161	Package: Reel 500 m (Reel 500 mtr)

Molex PowerCAT 6 F/UTP LSZH Solid cable

PowerCAT 6 4 pair F/UTP cable has been designed to support high-speed datatransmission systems. The cable features a cross-member designed to keep individual pairs separated for the reduction of NEXT and ELFEXT. The cable is available on 500m reel and 305m reel in a box.

- Overal foil shielded 4 pair cable
- Central separator for the reduction of NEXT & ELFEXT.
- ETL verified.

Technical specifications

Shielding type	: F/UTP
Category	: CAT6
Class	: E
Outer diameter	: 7.00 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Dca-s2,d2,a1
DoP number	: MLXCES-2018-C-030
Wire gauge	: 23 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 250 MHz
Cable colour	: Violet
Colour Number	: RAL 4005

Type no.	Manufacturer no.	Description
MX8041	CAA-00251	Cat 6 F/UTP solid installation cable, LSZH, CPR euroclass Dca-s2,d2,a1, 23 AWG, violet 500 meter (Reel 500 mtr)

Molex PowerCAT 5E U/UTP Solid LSZH cable

- Unshielded 4 pair LSZH cable
- Independently tested

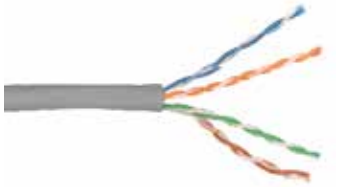
Technical specifications

Shielding type	: U/UTP
Category	: CAT5E
Class	: D
Outer diameter	: 5.20 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Dca,s1,2,a1
DoP number	: MLXCES-2018-C-028
Wire gauge	: 24 AWG
Conductor type	: Solid
Outer jacket	: LSZH
Bandwidth	: 100 MHz
Cable colour	: Violet
Colour number	: RAL 4005
Min. working temperature	: -30 °C
Max.working temperature	: 60 °C

Type no.	Manufacturer no.	Description
MX0031	39-504-5E	Package: Reel in box 305 m (Box 305 mtr)

Molex PowerCAT 5E U/UTP Solid PVC cable

- Unshielded 4 pair PVC cable
- Independently tested



Technical specifications

Shielding type	: U/UTP
Category	: CAT5E
Class	: D
Outer diameter	: 5.00 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Eca
DoP number	: MLXCES-2017-C-001
Wire gauge	: 24 AWG
Conductor type	: Solid
Outer jacket	: PVC
Bandwidth	: 100 MHz
Cable colour	: Grey
Colour number	: RAL 7037
Min. working temperature	: -20 °C
Max.working temperature	: 60 °C

Type no.	Manufacturer no.	Description
MX0051	39.A0360	Molex PowerCAT 5E U/UTP Solid PVC cable, 305 m (Box 305 mtr)

Molex PowerCAT 5E F/UTP Solid PVC cable

PowerCat Category 5E F/UTP 4 pair cable supports high-speed datatransmission systems. The cable is available on a 305m reel in a box.

- Foil shielded 4 pair PVC cable
- Independently tested

Technical specifications

Shielding type	: F/UTP
Category	: CAT5E
Class	: D
Outer diameter	: 6.20 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Eca
DoP number	: MLXCES-2017-C-007
Wire gauge	: 24 AWG
Conductor type	: Solid
Outer jacket	: PVC
Bandwidth	: 100 MHz
Cable colour	: Yellow
Colour number	: RAL 1018
Min. working temperature	: -20 °C
Max.working temperature	: 60 °C

Type no.	Manufacturer no.	Description
MX0052	39A-504-FT	Package: Reel in box 305 m (Box 305 mtr)

Molex PowerCAT 5E F/UTP Solid LSZH cable

- Foil shielded 4 pair LSZH cable
- Independently tested

Technical specifications

Shielding type	: F/UTP
Category	: CAT5E
Class	: D
Outer diameter	: 6.30 mm
Conductor material	: Copper
CPR compatible	: Yes
CPR Euroclass	: Dca-s1,d2,a1
DoP number	: MLXCES-2018-C-029
Wire gauge	: 24 AWG
Conductor type	: Solid
Outer jacket	: PVC
Bandwidth	: 100 MHz
Cable colour	: Violet
Colour Number	: RAL 4005
Min. working temperature	: -20 °C
Max.working temperature	: 60 °C

Type no.	Manufacturer no.	Description
MX0053	39A-504-LS	Package: Reel in box 305 m (Box 305 mtr)

Fibre panels

Molex adapter plate 12 Fiber

12 Fibre Adapter Plates fit directly into most Molex fibre management enclosures. This simple design requires no tooling as the plates install with a simple snap rivet, making installation and changes simple.

- Suitable for MX8120
- Available in singlemode and multimode

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Type no.	Manufacturer no.	Description
MX0022	AFR-00374	SC Duplex 12 Fiber adapter plate, Multimode OM3 - Aqua
MX0023	AFR-00375	LC Quad 12 Fibre adapter plate, Multimode OM3 - Aqua
MX8134	AFR-00376	LC Duplex 12 Fiber adapter plate, Multimode OM3 - Aqua
MX8117	AFR-00365	LC Duplex 12 Fiber adapter plate, Singlemode OS2 - Blue
MX8280	AFR-00368	SC Duplex 12 Fiber adapter plate, Singlemode OS2 - Blue

Molex adapter blind plate

Blind plate set (4 pieces)

- Suitable for MX8120

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Type no.	Manufacturer no.	Description
MX8116	AFR-00363	Insert plate Black (Unit 4 pcs)

Molex Modlink MTP cassettes for 12 fibers

ModLink Cassettes provide a cost-effective, quick and easy fibre system, for backbone and to-the-desk applications. 12 Port ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. Simply plug the cable into the rear of the unit and the link is operational - an excellent solution for fast-track installations.

- MTP® US Conec patented high quality connector
- Low Loss Laser Optimized OM3 & OM4: 0.50 dB/Cassette
- Test results included with every cassette
- Suitable for MX8120

molex

Type no.	Manufacturer no.	Description
MX2031	MLCDLC12OS2L	12 fibre Modlink duplex LC OS2 singlemode, Low loss, Blue
MX2033	MLCQLC12OM4L	12 fibre Modlink quad LC OM4, Low loss, Erika violet
MX2034	MLCQLC12OS2L	12 fibre Modlink quad LC OS2 singlemode, Low loss, Blue
MX0048	MLCDLC12OM3L	12 fibre Modlink duplex LC 50/125 OM3
MX2030	MLCDLC12OM4L	12 fibre Modlink duplex LC OM4, Low loss, Erika Violet

Molex Modular splice cassettes

Molex's Modular Splice Cassette is an excellent way of managing vulnerable fibre optics, protecting them from dust and damage as a result of routine maintenance. The Cassette is available in a number of pre-loaded configurations.

- Suitable for MX8120
- High density, up to 24 fibres per cassette
- Integrated cable management, prevents damage
- Included splice protectors and holders
- Suitable for MX8120

molex

Type no.	Manufacturer no.	Description
MX8114	AFR-00351	12 fibre splice, Duplex LC OM3, Aqua

Molex Multi-Function fibre enclosure accessories

MX0043 Universal Splice Tray,
24 Fibre with built in Cable Management, for use with 1U Multi-Function Fibre Enclosure (Self Adhesive, 2 pcs)
MX8083 Gland 9.5-13.2mm M20

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Type no.	Manufacturer no.	Description
MX0043	AFR-00470	Universal splice tray for 24 fibers (Unit 2 pcs)

Molex Multi-Function fibre enclosure 1U

Multifunctional fiber - and copper panel
The new 1U multifunctional fiber - copper patch panel is a configurable 19 "rack mount solution for mounting and protect incoming fiber optic cable. The enclosure provides a modular system with the ability to provide all types, to mount optical fiber and / or copper, and is designed to maximum flexibility in the routing of fibers possible.

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Type no.	Manufacturer no.	Description
MX0039	RFR-00311-BK	Multi Function Fiber enclosure

Molex Multi-Function front panels

The front panels are available with SC or LC adapters. In the frontplate MX0040 you can mount 4 cassettes or adapterplates.

- Suitable for MX0039

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Type no.	Manufacturer no.	Description
MX0040	AFR-00468-04	Front plate 4 holes unloaded
MX2028	AFR-00454-BL	48 fibre LC Duplex singlemode Blue
MX2029	AFR-00461-AQ	24 fibre SC Duplex multimode Aqua
MX8085	AFR-00455-AQ	48 fibre LC Duplex multimode Aqua

Fibre Surface boxes

Molex Fiber enclosure

The 601 fibre series wall mount enclosure is a compact unit for optical fibre. The unit is made of white rugged plastic with a low profile design that provides sufficient storage room for the fibre service loop making installation easy whilst ensuring the proper internal fiber management.

Compatible for splicing and direct terminations the unit can accept up to 8 fusion splice protectors or mechanical splices. The 601 enclosure is supplied with an accessory kit which includes cable ties, labelling and mounting kits.

- Available in Single and multimode fiber versions.

Type no.	Manufacturer no.	Description
MX0029	WFR-00029-02	4x duplex SC singlemode
MX8101	WFR-00028-02	8x duplex SC multimode
MX0030	WFR-00034-02	12x duplex LC multimode
MX8029	WFR-00035-02	12x LC Singlemode
MX8091	WFR-00027-02	8x duplex SC Unloaded

Tooling and test equipment

Molex Termination tool

The Molex DataGate 4 Pair Termination Tool is a robust and reliable product that offers faultless gas-tight terminations of all four pairs simultaneously. The tool frame is manufactured from high grade steel with die-cast termination heads. Designed specifically for use with Molex DataGate and Keystone style jacks, the 4 Pair Termination Tool Frame is supplied unloaded into which either the UTP Termination Head (for termination of the UTP DataGate and Keystone jacks) or the C6A Termination Head (for termination of the C6A shielded DataGate jacks) is fitted.

Type no.	Manufacturer no.	Description
MX0008	31-001	110 punchdown termination tool

Molex SLT3S Tester

The SLT3™ Tester is a rugged, lightweight product designed to verify the integrity of 1, 2, 3, and 4 pair UTP channels. Incorporating a unique 3-in-1 design, this tester features built-in modular jacks for USOC, EIA 568A and 568B wiring sequences. Simply connect the master and slave unit to each end of the cable under test, and the SLT3 automatically verifies correct cable sequence, as well as open and short circuits.

- Innovative 3-in-1 design features modular jacks for testing USOC, EIA 568A and 568B cabling systems.
- Accurately verifies the continuity and sequence of 1, 2, 3 and 4 pair UTP and FTP channels.
- Continuously-sequencing LED display provides a diagnostic readout that immediately detects shorts, opens, reversals and mis-wires at a glance

Type no.	Manufacturer no.	Description
MX0009	33A-100-10	Master and Slave unit with 9 Volt battery.

Molex Datagate 4 pair termination tool

The Molex DataGate 4 Pair Termination Tool is a robust, reliable product that offers fast, fault-less gas-tight termination of all four pairs of solid cable simultaneously. The Termination Tool Frame is manufactured of high grade steel and is used with die-cast Termination Heads.

- Designed specifically for Molex DataGate™ Keystone and MOD-Clip ™ Jacks
- Reduces installation time compared with traditional single wire termination.
- Cables are accurately seated and neatly trimmed with one squeeze of the handles

Type no.	Manufacturer no.	Description
MX2019	31.0011	4 pair Termination tool
MX2020	31.0012	Tool head UTP CAT6, CAT5E
MX2021	31.0013	Tool head CAT6A

RJ45 connection material

Patchpanels

Blindpanel Plastic 1U

- Screwless

Type no.	Manufacturer no.	Description
PP1040	PP1040	1 U

Patchpanel CAT5E unshielded 24 ports

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool
- Universal labels colour-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1001	PP1001	Patchpanel CAT5E unshielded 24 ports

Patchpanel CAT6 unshielded 24 ports

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool
- Universal labels colour-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1010	PP1010	Patchpanel CAT6 unshielded 24 ports

Patchpanel CAT5E unshielded 24 ports 45°

- IDC compatible with 110 & Krone tool
- Universal labels coluor-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
P24AK1	P24AK1	Patchpanel CAT5E unshielded 24 ports 45°

Patchpanel CAT6 unshielded 24 ports 45°

- IDC compatible with 110 & Krone tool
- Universal labels coluor-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1013	PP1013	Patchpanel CAT6 unshielded 24 ports 45°

Patchpanel CAT6A shielded 24 ports with cover

- IDC compatible with 110 & Krone tool
- Universal labels coluor-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1020	PP1020	Patchpanel CAT6A shielded 24 ports with cover

Patchpanel CAT5E shielded 24 ports with cover

- IDC compatible with 110 & Krone tool
- Universal labels coluor-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: Yes
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1002	PP1002	Patchpanel CAT5E shielded 24 ports with cover

Patchpanel CAT6 shielded 24 ports with cover

- IDC compatible with 110 & Krone tool
- Universal labels coluor-coded for T568A and T568B wiring schemes

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: Yes
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1012	PP1012	Patchpanel CAT6 shielded 24 ports with cover

Patchpanel unloaded 24 ports

- Suitable for Unshielded and shielded keystone jacks
- Suitable for keystone TD5xxx and TD6xxx range
- With cable management bar.

Technical specifications

Frame material	: Metal
Shielded	: Yes
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1030	PP1030	Patchpanel unloaded 24 ports

Patchpanel unloaded 24 ports 45°

- Suitable for Unshielded and shielded keystone jacks
- Suitable for keystone TD5xxx and TD6xxx range
- With cable management bar.

Technical specifications

Frame material	: Metal
Shielded	: Yes
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1033	PP1033	Patchpanel unloaded 24 ports 45°

Patchpanel CAT6 unshielded 24 ports with cablemanagement bar

- IDC compatible with 110 & Krone tool
- Universal labels coluor-coded for T568A and T568B wiring schemes
- With cable management bar.

Technical specifications

Termination type	: IDC
Cable mounting	: Straight
Frame material	: Metal
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
PP1011	PP1011	Patchpanel CAT6 unshielded 24 ports with cablemanagement bar

Cable management

Cable pass-through with brush 1U

- Cablemanagement and efficient cooling using a brush

Technical specifications

Frame material	: Metal
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2070	FA2070	Cable pass-through with brush 1U

Cable pass-through with brush 1U

- Cablemanagement and efficient cooling using a brush | Management bar included

Technical specifications

Frame material	: Metal
Height units	: 1 U
Depth	: 9.23 cm

Type no.	Manufacturer no.	Description
FA2071	FA2071	Cable pass-through with brush 1U

DUCT Cable management panel with cover 1U

- Cablemanagement for an optimal bending raidus of cables

Technical specifications

Frame material	: Metal
Height units	: 1 U
Depth	: 8.82 cm

Type no.	Manufacturer no.	Description
FA2072	FA2072	DUCT Cable management panel with cover 1U

DUCT Cable management panel with cover 2U

- Cablemanagement for an optimal bending raidus of cables

Technical specifications

Frame material	: Metal
Height units	: 2 U
Depth	: 8.82 cm

Type no.	Manufacturer no.	Description
FA2073	FA2073	DUCT Cable management panel with cover 2U

Cable management panel 5 plastic rings 1U

- Flexible, outer 2 rings for both horizontal and vertical cable management

Technical specifications

Frame material	: Metal
Height units	: 1 U
Depth	: 7.65 cm

Type no.	Manufacturer no.	Description
FA2074	FA2074	Cable management panel 5 plastic rings 1U

Cable management panel 5 metal rings 1U

- Sturdy by use of metal rings

Technical specifications

Frame material	: Metal
Height units	: 1 U
Depth	: 7.64 cm

Type no.	Manufacturer no.	Description
FA2075	FA2075	Cable management panel 5 metal rings 1U

Shunting eye horizontal / vertical 1U

- Suited for both horizontal and vertical cable management

Technical specifications

Frame material	: Metal
Height units	: 1 U
Depth	: 16.64 cm

Type no.	Manufacturer no.	Description
FA2076	FA2076	Shunting eye horizontal / vertical 1U

Wall mounting boxes

In wall boxes

In-Wall Box unshielded 2 ports German Style

- Compatible with Krone Tool

Technical specifications

Connector type	: RJ45
Number of ports	: 2
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
FA5008	FA5008	In-Wall Box unshielded 2 ports CAT5E
FA6008	FA6008	In-Wall Box unshielded 2 ports CAT6

In-Wall Box shielded 2 ports German Style

- Compatible with Krone Tool

Technical specifications

Connector type	: RJ45
Number of ports	: 2
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
FA7009	FA7009	In-Wall Box shielded 2 ports CAT6A

In-Wall keystone jack box 2 ports

- Suitable for ACT keystone jacks (not included)
- Dust cover flaps provides protection from dust
- A 45° angle to facilitate cable flow

Technical specifications

Number of ports	: 2

Type no.	Manufacturer no.	Description
FA6010	FA6010	In-Wall keystone jack box 2 ports

Wall mounting boxes

Surface mounted box unshielded 1 ports

- IDC compatible with 110 & Krone tool

Technical specifications

Connector type	: RJ45
Number of ports	: 1
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws, double side tape, tiewraps

Type no.	Manufacturer no.	Description
FA5003	FA5003	Surface mounted box unshielded 1 ports CAT5E
FA6003	FA6003	Surface mounted box unshielded 1 ports CAT6

Surface mounted box unshielded 2 ports

- IDC compatible with 110 & Krone tool

Technical specifications

Connector type	: RJ45
Number of ports	: 2
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws, double side tape, tiewraps

Type no.	Manufacturer no.	Description
FA5002	FA5002	Surface mounted box unshielded 2 ports CAT5E
FA6002	FA6002	Surface mounted box unshielded 2 ports CAT6

Surface mounted box unshielded 2 ports German Style

- Compatible with Krone Tool.

Technical specifications

Connector type	: RJ45
Number of ports	: 2
Termination type	: IDC
Cable mounting	: Right, Straight
Shielded	: No
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws

Type no.	Manufacturer no.	Description
FA5006	FA5006	Surface mounted box unshielded 2 ports German Style CAT5E
FA6006	FA6006	Surface mounted box unshielded 2 ports German Style CAT6

Surface mounted box unshielded 8 ports

- IDC compatible with 110 & Krone tool

Technical specifications

Connector type	: RJ45
Number of ports	: 8
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws

Type no.	Manufacturer no.	Description
FA5000	FA5000	Surface mounted box unshielded 8 ports CAT5E
FA6000	FA6000	Surface mounted box unshielded 8 ports CAT6

Surface mounted box shielded 1 ports

- IDC compatible with 110 & Krone tool

Technical specifications

Connector type	: RJ45
Number of ports	: 1
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws, double side tape, tiewraps

Type no.	Manufacturer no.	Description
FA5005	FA5005	Surface mounted box shielded 1 ports CAT5E
FA6005	FA6005	Surface mounted box shielded 1 ports CAT6
FA7005	FA7005	Surface mounted box shielded 1 ports CAT6A

Surface mounted box shielded 2 ports

- IDC compatible with 110 & Krone tool

Technical specifications

Connector type	: RJ45
Number of ports	: 2
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws, double side tape, tiewraps

Type no.	Manufacturer no.	Description
FA5004	FA5004	Surface mounted box shielded 2 ports CAT5E
FA6004	FA6004	Surface mounted box shielded 2 ports CAT6
FA7004	FA7004	Surface mounted box shielded 2 ports CAT6A

Surface mounted box shielded 2 ports German Style

- For use as consolidation point.
- Compatible with Krone Tool.

Technical specifications

Connector type	: RJ45
Number of ports	: 2
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Included	: Screws

Type no.	Manufacturer no.	Description
FA5007	FA5007	Surface mounted box shielded 2 ports German Style CAT5E
FA6007	FA6007	Surface mounted box shielded 2 ports German Style CAT6

Surface mounted box shielded 8 ports

- IDC compatible with 110 & Krone tool
- Metal housing.

Technical specifications

Connector type	: RJ45
Number of ports	: 8
Termination type	: IDC
Cable mounting	: Straight
Colour	: Black
Shielded	: Yes
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)
Included	: Screws

Type no.	Manufacturer no.	Description
FA5001	FA5001	Surface mounted box shielded 8 ports CAT5E
FA7001	FA7001	Surface mounted box shielded 8 ports CAT6A
FA6001	FA6001	Surface mounted box shielded 8 ports CAT6

Keystone surface mounted box 1 port

- Suitable for ACT keystone jacks (not included)

Technical specifications

Number of ports	: 1
Dimensions	: 37 x 65 x 30 mm
Included	: Screws, double side tape, tiewraps

Type no.	Manufacturer no.	Description
FA6011	FA6011	Keystone surface mounted box 1 port

Keystone surface mounted box 2 port

- Suitable for ACT keystone jacks (not included)

Technical specifications

Number of ports	: 2
Dimensions	: 63 x 65 x 30 mm
Included	: Screws, double side tape, tiewraps

Type no.	Manufacturer no.	Description
FA6012	FA6012	Keystone surface mounted box 2 port

Modular surface units telephone single RJ-11/RJ-12/RJ-45

Modular surface units telephone single RJ-11/ RJ12/ RJ-45, bottom entry.

Technical specifications

Number of ports	: 1
Termination type	: IDC
Cable mounting	: Right
Shielded	: No

Type no.	Manufacturer no.	Description
TD1704	TD1704	Modular surface units telephone single RJ-11
TD1706	TD1706	Modular surface units telephone single RJ-12

Modular surface units telephone double RJ-11/RJ-45

Modular surface units telephone double RJ-11/ RJ12/ RJ-45, bottom entry.

Technical specifications

Mounting side	: Screw contacts

Type no.	Manufacturer no.	Description
TD2704	TD2704	Modular surface units telephone double RJ-11

Modular couplers

RJ female - RJ female, 1:1

RJ-female - RJ-female
Connection 1:1
Suited as coupler to extend cables.

Technical specifications

Shielded	: No
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
TD1014	TD1014	Modular coupler RJ-11, connection 1:1
TD1016	TD1016	Modular coupler RJ-12, connection 1:1
TD1018	TD1018	Modular coupler RJ-45, connection 1:1

Inline Coupler RJ-45 unshielded

Technical specifications

Connector A	: RJ45 female (x1)
Connector B	: RJ45 female (x1)
Wiring	: 1:1
Shielded	: No
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD5008	SD5008	Inline Coupler RJ-45 unshielded CAT5E
SD6008	SD6008	Inline Coupler RJ-45 unshielded CAT6

Inline Coupler RJ-45 shielded

Technical specifications

Connector A	: RJ45 female (x1)
Connector B	: RJ45 female (x1)
Wiring	: 1:1
Shielded	: Yes
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD5018	SD5018	Inline Coupler RJ-45 shielded CAT5E
SD6518	SD6518	Inline Coupler RJ-45 shielded CAT6A
SD6018	SD6018	Inline Coupler RJ-45 shielded CAT6

Junctionbox unshielded

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool

Technical specifications

Termination type	: IDC
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
SD5021	SD5021	Junctionbox unshielded CAT5E

Junctionbox unshielded

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool

Technical specifications

Termination type	: IDC
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
SD6021	SD6021	Junctionbox unshielded CAT6

Junctionbox shielded

- IDC compatible with 110 & Krone tool

Technical specifications

Termination type	: IDC
Suitable for	: 4 pairs, 22-26 AWG solid and stranded cable
Shielded	: Yes
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
SD6020	SD6020	Junctionbox shielded CAT 6

Junctionbox shielded

- IDC compatible with 110 & Krone tool

Technical specifications

Termination type	: IDC
Suitable for	: 4 pairs, 22-26 AWG solid and stranded cable
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
SD6520	SD6520	Junctionbox shielded CAT 6A

Splitters

UTP Splitter - T568A / T568B -> 10Base-T

Splits a 4 pair T568A/T568B connection in pair 2&3 to port 1 and pair 1&4 to port 2 for example 10Base-T applications (10 mbps).

Technical specifications

Connector A	: RJ45 male (x1)
Connector B	: RJ45 female (x2)
Shielded	: No
Wiring diagram	: Other

Type no.	Manufacturer no.	Description
TS1025	TS1025	Wiringdiagram: T568A - T568B

UTP Splitter - 2x 8 wires

Duplicates 8 wires to both connections.

Technical specifications

Connector A	: RJ45 male (x1)
Connector B	: RJ45 female (x2)
Shielded	: No
Wiring diagram	: Other

Type no.	Manufacturer no.	Description
TS1040	TS1040	Wiringdiagram: 2x 8 pins 1:1

Keystones

Keystone Jack CAT5E unshielded toolless black

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- Cat 6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5010	TD5010	Keystone Jack CAT5E unshielded toolless black

Keystone Jack CAT5E unshielded toolless white

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- Cat 6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5011	TD5011	Keystone Jack CAT5E unshielded toolless white

Keystone Jack CAT6 unshielded toolless black

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- Cat 6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6010	TD6010	Keystone Jack CAT6 unshielded toolless black

Keystone Jack CAT6 unshielded toolless white

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- Cat 6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6011	TD6011	Keystone Jack CAT6 unshielded toolless white

Keystone Jack CAT5E shielded toolless

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is Delta verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5020	TD5020	Keystone Jack CAT5E shielded toolless

Keystone Jack CAT6 shielded toolless

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is Delta verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6020	TD6020	Keystone Jack CAT6 shielded toolless

Keystone Jack CAT6A shielded toolless

- No punch down tool needed.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is Delta verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6510	TD6510	Keystone Jack CAT6A shielded toolless

Keystone Jack CAT5E unshielded black

- IDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5012	TD5012	Keystone Jack CAT5E unshielded black

Keystone Jack CAT6 unshielded black

- IDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6012	TD6012	Keystone Jack CAT6 unshielded black

Keystone Jack CAT6 unshielded white

- IDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is 3P verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6013	TD6013	Keystone Jack CAT6 unshielded white

Keystone Jack CAT5E shielded

- IDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is Delta verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5021	TD5021	Keystone Jack CAT5E shielded

Keystone Jack CAT6 shielded

- IDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is Delta verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6021	TD6021	Keystone Jack CAT6 shielded

Keystone Jack CAT6A shielded

- IDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- Fitting 1U 24 port High Density keystone panel.
- CAT6 type is Delta verified.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Straight
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6511	TD6511	Keystone Jack CAT6A shielded

Keystone Jack CAT5E unshielded down white

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5015	TD5015	Keystone Jack CAT5E unshielded down white

Keystone Jack CAT5E unshielded down black

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom
Shielded	: No
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5014	TD5014	Keystone Jack CAT5E unshielded down black

Keystone Jack CAT6 unshielded down white

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6015	TD6015	Keystone Jack CAT6 unshielded down white

Keystone Jack CAT6 unshielded down black

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom
Shielded	: No
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6014	TD6014	Keystone Jack CAT6 unshielded down black

Keystone Jack CAT6A unshielded down white

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom
Shielded	: No
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6017	TD6017	Keystone Jack CAT6A unshielded down white

Keystone Jack CAT6A unshielded down black

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom
Shielded	: No
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6016	TD6016	Keystone Jack CAT6A unshielded down black

Keystone Jack CAT5E shielded down

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom, Straight
Shielded	: Yes
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD5022	TD5022	Keystone Jack CAT5E shielded down

Keystone Jack CAT6 shielded down

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom, Straight
Shielded	: Yes
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6022	TD6022	Keystone Jack CAT6 shielded down

Keystone Jack CAT6A shielded down

- IDC compatible with 110 & Krone toolIDC compatible with 110 & Krone tool.
- Universal labels coluor-coded for T568A and T568B wiring schemes
- UL Listed.
- CAT6 type is 3P verified channel performance.

Technical specifications

Connector type	: RJ45
Termination type	: IDC
Cable mounting	: Bottom, Straight
Shielded	: Yes
Category	: CAT6A
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD6023	TD6023	Keystone Jack CAT6A shielded down

Keystone Coupler RJ-45 unshielded

Technical specifications

Connector A	: RJ45 female (x1)
Connector B	: RJ45 female (x1)
Shielded	: No
Category	: CAT5E
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD5009	SD5009	Keystone Coupler RJ-45 unshielded CAT5E

Keystone Coupler RJ-45 unshielded

Technical specifications

Connector A	: RJ45 female (x1)
Connector B	: RJ45 female (x1)
Shielded	: No
Category	: CAT6
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD6009	SD6009	Keystone Coupler RJ-45 unshielded CAT6

Keystone Coupler RJ-45 shielded

Technical specifications

Connector A	: RJ45 female (1)
Connector B	: RJ45 female (1)
Shielded	: Yes
Category	: CAT5E
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD5019	SD5019	Keystone Coupler RJ-45 shielded CAT5E

Keystone Coupler RJ-45 shielded

Technical specifications

Connector A	: RJ45 female (1)
Connector B	: RJ45 female (1)
Shielded	: Yes
Category	: CAT6
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD6019	SD6019	Keystone Coupler RJ-45 shielded CAT6

Keystone Coupler RJ-45 shielded

Technical specifications

Connector A	: RJ45 female (1)
Connector B	: RJ45 female (1)
Shielded	: Yes
Category	: CAT6A
Wiring diagram	: 1:1

Type no.	Manufacturer no.	Description
SD6519	SD6519	Keystone Coupler RJ-45 shielded CAT6A

RJ45 connection material - Connectors

Connectors

Modular connectors

CAT6A Connector STP

The CAT6A shielded RJ45 connector is specially developed for thicker network cables of 7 or 8mm. For mounting use the WL2000 pliers.

- For solid and stranded wire
- With positioning key
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: Yes
Rated voltage	: 250.00 V
Category	: CAT6A
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
FA2000	FA2000	Suitable for: Litze OD 1.2 mm / AWG24 (Bag 25 pcs)
FA2001	FA2001	Suitable for: Litze OD 1.5 mm / AWG23 (Bag 25 pcs)

CAT6 UTP RJ-45 modular connector for solid cab

- For solid and stranded wire
- With positioning key
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Copper Alloy
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: No
Rated voltage	: 250.00 V
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD168M	TD168M	Suitable for: Solid and stranded cable (Bag 25 pcs)

CAT6 Unshielded RJ-45 modular connector easyconnect

- For solid and stranded wire
- Easyconnect without positioning key
- Easyconnect with handtool TD168T
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Copper Alloy
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: No
Rated voltage	: 250.00 V
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 23 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD168B	TD168B	RJ45 (8P/8C) CAT6 easyconnect unshielded modulaire connector (Bag 25 pcs)

CAT6 Connector STP

- For solid and stranded wire
- With positioning key
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: Yes
Rated voltage	: 250.00 V
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD168A	TD168A	Suitable for: Solid and stranded cable (Bag 25 pcs)

CAT6 Shielded RJ-45 modular connector easyconnect

- For solid and stranded wire
- Easyconnect without positioning key
- Easyconnect with handtool TD168T
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Copper Alloy
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: Yes
Rated voltage	: 250.00 V
Category	: CAT6
Min. wire gauge	: 26 AWG
Max. wire gauge	: 23 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD168C	TD168C	RJ45 (8P/8C) CAT6 easyconnect shielded modulaire connector (Bag 25 pcs)

CAT5E RJ-45 Connectors

- For solid and stranded wire
- With positioning key
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: No
Rated voltage	: 250.00 V
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 22 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD1118	TD1118	Suitable for: Solid and stranded cable (Bag 25 pcs)

CAT5E Shielded RJ-45 Connectors

- For solid and stranded wire
- With positioning key
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 2.00 A
Shielded	: Yes
Rated voltage	: 250.00 V
Category	: CAT5E
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD1138	TD1138	Suitable for: Shielded solid and stranded cable (Bag 25 pcs)

Modular RJ10 connectors for flatcable

- For modulair flatcable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ10
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD102	TD102	Connector: RJ-10 (4P/4C) (Bag 25 pcs)

Modular RJ11 connectors for flatcable

- For modulair flatcable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ11
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD104	TD104	RJ11 (4P/4C) modulaire connector for flat cable (Bag 25 pcs)

Modular RJ12 connectors for flatcable

- For modulair flatcable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ12
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD106	TD106	RJ12 (6P/6C) modulaire connector for flat cable (Bag 25 pcs)

Modular RJ45 connectors for flatcable

- For modulair flatcable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD108	TD108	RJ45 (8P/8C) modulaire connector for flat cable (Bag 25 pcs)

Modular RJ48 connectors for flatcable

- For modulair flatcable
- Provide with 50µ gold plated contacts

Technical specifications

Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid, Stranded (litze)

Type no.	Manufacturer no.	Description
TD110	TD110	Connector: RJ-48 (10P/10C) (Bag 25 pcs)

Modular RJ11 connectors for round stranded cable

- For round stranded cable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ11, RJ48
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Stranded (litze)

Type no.	Manufacturer no.	Description
TD104R	TD104R	Connector: RJ-11 (6P/4C) (Bag 25 pcs)

Modular RJ12 connectors for round stranded cable

- For round stranded cable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ12
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Stranded (litze)

Type no.	Manufacturer no.	Description
TD106R	TD106R	Connector: RJ-12 (6P/6C) (Bag 25 pcs)

Modular RJ45 connectors for round stranded cable

- For round stranded cable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Stranded (litze)

Type no.	Manufacturer no.	Description
TD108R	TD108R	Connector: RJ-45 (8P/8C) (Bag 25 pcs)

Modular RJ45 shielded connector for round stranded cable

- For stranded round cable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Copper Alloy
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: Yes
Rated voltage	: 250.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Stranded (litze)

Type no.	Manufacturer no.	Description
TD108A	TD108A	Suitable for: Stranded cable (Bag 25 pcs)

Modular RJ45 shielded connector for round stranded cable

- For stranded round cable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: Copper Alloy
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: Yes
Rated voltage	: 250.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid

Type no.	Manufacturer no.	Description
TD108B	TD108B	Suitable for: Solid cable (Bag 25 pcs)

Modular RJ11 connector for round solid cable

- For solid round cable

Technical specifications

Connector type	: RJ11
Contact material	: Phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid

Type no.	Manufacturer no.	Description
TD104M	TD104M	Connector: RJ-11 (6P/4C) (Bag 25 pcs)

Modular RJ12 connector for round solid cable

- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ12
Contact material	: phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid

Type no.	Manufacturer no.	Description
TD106M	TD106M	Connector: RJ-12 (6P/6C) (Bag 25 pcs)

Modular RJ45 connector for round solid cable

- For solid round cable
- Provide with 50µ gold plated contacts

Technical specifications

Connector type	: RJ45
Contact material	: phosphor bronze
Contact plating	: Gold plated
Rated current	: 1.50 A
Shielded	: No
Rated voltage	: 1000.00 V
Category	: CAT3
Min. wire gauge	: 26 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Solid

Type no.	Manufacturer no.	Description
TD108M	TD108M	Connector: RJ-45 (8P/8C) (Bag 25 pcs)

Modular RJ45 connector - Toolless

RJ-45 connector for mounting without tools, perfect for home-use.

Suitable for AWG24 cable
8 connectors with 50u gold.

Technical specifications

Connector type	: RJ45
Contains	: 8 contacts
Shielded	: No
Category	: CAT5
Min. wire gauge	: 24 AWG
Max. wire gauge	: 24 AWG
Compatible wire type	: Stranded (litze)

Type no.	Manufacturer no.	Description
TD108T	TD108T	Suitable for: Toolless connection

Stackable Telephone Plug + RJ-11 - Dutch mode

Technical specifications

Type	: Dutch phone plug male+female
Color	: Ivory
Number of Pins	: 4

Type no.	Manufacturer no.	Description
TD1810	TD1810	Note: standard

Cable boots

RJ-45 Cable Boots - 5.5 mm cable

UTP cable boots for 5.5 mm cable
Available in the colours:
Grey, black, red, blue, green, yellow, white.

Technical specifications

Cable diameter : 5.50 mm

Type no.	Manufacturer no.	Description
TT4509	TT4509	Colour: Black (Bag 25 pcs)
TT4510	TT4510	Colour: Grey (Bag 25 pcs)
TT4511	TT4511	Colour: Red (Bag 25 pcs)
TT4512	TT4512	Colour: Blue (Bag 25 pcs)
TT4513	TT4513	Colour: Green (Bag 25 pcs)
TT4514	TT4514	Colour: Yellow (Bag 25 pcs)
TT4515	TT4515	Colour: White (Bag 25 pcs)

Cable Boots - 6.5 mm FTP / S-FTP Cable

FTP / S-FTP Cable Boots for 6.5 mm Cable
Available in the colours:
Grey, black, red, blue, green, yellow, white.

Technical specifications

Cable diameter : 6.50 mm

Type no.	Manufacturer no.	Description
TT4521	TT4521	Colour: Red (Bag 25 pcs)
TT4522	TT4522	Colour: Blue (Bag 25 pcs)
TT4523	TT4523	Colour: Green (Bag 25 pcs)
TT4524	TT4524	Colour: Yellow (Bag 25 pcs)
TT4525	TT4525	Colour: White (Bag 25 pcs)
TT4519	TT4519	Colour: Black (Bag 25 pcs)
TT4520	TT4520	Colour: Grey (Bag 25 pcs)

Cable Boots - 7.0 mm CAT6A FTP / S-FTP Cable

FTP / S-FTP Cable Boots for 7.0 mm Cable

- Suitable for FA2000 or FA2001

Technical specifications

Cable diameter : 7.00 mm

Type no.	Manufacturer no.	Description
FA2008	FA2008	Colour: White (Bag 25 pcs)
FA2002	FA2002	Colour: Black (Bag 25 pcs)
FA2003	FA2003	Colour: Grey (Bag 25 pcs)
FA2004	FA2004	Colour: Red (Bag 25 pcs)
FA2005	FA2005	Colour: Blue (Bag 25 pcs)
FA2006	FA2006	Colour: Green (Bag 25 pcs)
FA2007	FA2007	Colour: Yellow (Bag 25 pcs)

Cable Boots - 8.0 mm CAT6A FTP / S-FTP Cable

FTP / S-FTP Cable Boots for 8.0 mm Cable

- Suitable for FA2000 or FA2001

Technical specifications

Cable diameter : 8.00 mm

Type no.	Manufacturer no.	Description
FA2009	FA2009	Colour: Black (Bag 25 pcs)
FA2010	FA2010	Colour: Grey (Bag 25 pcs)
FA2011	FA2011	Colour: Red (Bag 25 pcs)
FA2012	FA2012	Colour: Blue (Bag 25 pcs)
FA2013	FA2013	Colour: Green (Bag 25 pcs)
FA2014	FA2014	Colour: Yellow (Bag 25 pcs)
FA2015	FA2015	Colour: White (Bag 25 pcs)

RJ-45 IP67 range

RJ-45 IP67 panel mounted receptacle inline coupler

- For front- or rear panel mounting up to wall thinkness of 3,2 mm
- Available as a set with protection cap
- Plastic

Technical specifications

Load max. : 1,2 A
Temperaturerange : -40 till +85 °C
Protecting : IP67

Type no.	Manufacturer no.	Description
DE4149	17-10019	CAT5E un-shielded black
DE4150	17-10000	CAT5E shielded black with protection cap
DE4151	17-10020	CAT5E un-shielded black with protection cap
DE4133	17-10009	CAT5E shielded black
DE4134	17-10012	CAT5E shielded metallized (Order step quantity: 10)
DE4156	17-150004	CAT6A shielded black (Order step quantity: 10)
DE4157	17-150014	CAT6A shielded black with protection cap

RJ-45 IP67 panel mounted receptacle inline coupler both sides bayonet

- For front- or rear panel mounting up to wall thinkness of 3,2 mm
- Available as a set with protection cap
- Plastic

Technical specifications

Load max. : 1,2 A
Rated voltage : 100 V
Temperature range : -40 till +85 °C
Protecting : IP67

Type no.	Manufacturer no.	Description
DE4152	17-110024	CAT5E shielded black with protection cap

RJ-45 IP67 panel mounted receptacle screw terminal

- For front- or rear panel mounting up to wall thinkness of 3,2 mm
- Available as a set with protection cap
- Screw terminals for AWG 16-28
- Plastic

Technical specifications

Load max.	: 1,2 A
Rated voltage	: 100 V
Temperature range	: -40 till +85 °C
Protecting	: IP67

Type no.	Manufacturer no.	Description
DE4153	17-110594	CAT5E black with protection cap (Order step quantity: 10)

RJ-45 IP67 panel mounted receptacle solder termination

- For front- or rear panel mounting up to wall thinkness of 3,2 mm
- Available as a set with protection cap
- Plastic

Technical specifications

Load max.	: 1,2 A
Temperaturerange	: -40 till +85 °C
Protecting	: IP67

Type no.	Manufacturer no.	Description
DE4136	17-10036	Part metalized ABS chassis (Order step quantity: 10)
DE4135	17-10035	Chassis part black PBT (Order step quantity: 10)

RJ-45 IP67 panel mounted receptacle IDC connection

- For front- or rear panel mounting up to wall thinkness of 3,2 mm
- Available as a set with protection cap
- Plastic

Technical specifications

Load max.	: 1,2 A
Rated voltage	: 100 V
Temperature range	: -40 till +85 °C
Protecting	: IP67

Type no.	Manufacturer no.	Description
DE4154	17-10021	CAT5E shielded black with protection cap (Order step quantity: 10)

RJ-45 IP67 plug kit

- Cable size AWG24
- Plastic

Technical specifications

Load max.	: 1,2 A
Temperaturerange	: -40 till +85 °C
Protecting	: IP67

Type no.	Manufacturer no.	Description
DE4137	17-10001	CAT5E Plug black PBT (Order step quantity: 10)
DE4138	17-10013	CAT5E Plug ABS, metallized (Order step quantity: 10)
DE4158	17-150234	CAT6A Plug black (Order step quantity: 10)

Waterdicht afdekkap RJ-45

- Plastic

Technical specifications

Temperaturerange : -40 till +85 °C
Protecting : IP67

Type no.	Manufacturer no.	Description
DE4139	17-10002	Protective black PBT
DE4140	17-10014	Protective ABS metallized (Order step quantity: 10)

Stripping tools

Low cost RG58 coax cablestripper

Low cost RG-58 coax stripper with adjustable blades.

Technical specifications

Function : Coax cable stripper
Suitable for : RG-58

Type no.	Manufacturer no.	Description
SK338	SK338	Coax stripper

Low cost UTP cablestripper

This universal modular stripper is suitable for both flat and round UTP and FTP cable. the cutting depth of the blade can be adjusted.

- Both for flat and round cables.
- The cutting blade is adjustable by a screw

Technical specifications

Function : Modular cable stripper
Colour : Grey

Type no.	Manufacturer no.	Description
FHT501	FHT501	Low cost UTP/FTP cablestripper

Quick adjustable twisted pair and modulair cable stripper

- Both for flat and round cables.
- The cutting blade is adjustable by a thumbwheel

Type no.	Manufacturer no.	Description
FHT502	FHT502	Quick adjustable twisted pair and modulair cable stripper

Cutters

Thin wire cable cutting tool

Cable cutter for thin wire, made of steel alloy, with firm PE grips. For small components and thin wires.

- Provided with firm PE grips.

Technical specifications

Suitable for : Components and thin wires

Type no.	Manufacturer no.	Description
HT222	HT222	Function: Cable Cutter

RJ45 connection material - Crimp tools

Crimp tools

UTP / 110 Block Mounting Kit

UTP / 110 Block Mounting Kit in a handy plastic case, perfect for installation on the spot.

Contents:
- Punch down mounting tool
- 66 type blade
- 110 type blade
- Krone type blade
- Mount tool for RJ-12/RJ-45
- 30 x RJ-45 connector
- 30 x RJ-12 connector

Technical specifications

Function : Modular mounting kit

Type no.	Manufacturer no.	Description
HT2681	HT2681	Suitable for: modular connectors

Crimp Tools Modular

These tools strip and cut the cable, and crimp the connectors to the cable.

Technical specifications

Function : Modular Crimp Tool

Type no.	Manufacturer no.	Description
TD005	TD005	Suitable for: RJ-11/RJ-12/RJ-45
TD010	TD010	Suitable for: RJ-48

Crimp Tools - Combi Modular - Heavy Duty

Heavy duty combi modular crimp tool, suitable for RJ-10, RJ-11, RJ-12, RJ-45 and DEC modular connectors. Because of the special construction all contacts are crimped simultaneously, ensuring straight connectors.

Technical specifications

Function : Modular Crimp Tool

Type no.	Manufacturer no.	Description
TDCOMB	TDCOMB	Suitable for: RJ-10/RJ-11/RJ-12/RJ-45

Modular crimp tool for easyconnect RJ45 connectors

- Crimptool for RJ45 easyconnect connectors (TD168B, TD168C)
- Crimp and cut the wires in one step.

Type no.	Manufacturer no.	Description
TD168T	TD168T	Modular crimp tool for easyconnect RJ45 connectors

Crimp Tools for cable with OD 7-8mm

Modular crimp tool, suitable for RJ-45 connectors and cable with outer diametre 7-8mm.
See also FA2000 and FA2001

Technical specifications

Function : Modular Crimp Tool

Type no.	Manufacturer no.	Description
WL2000	WL2000	Suitable for: RJ45 with OD 7-8mm

Low cost BNC / TNC / Twinax crimp tool

For RG-58, RG-59 and RG-62 coax cable.

Technical specifications

Function : BNC, TNC, Twinax
Suitable for : RG-58, RG-59, RG-62 Coax cable
For : Incidental use

Type no.	Manufacturer no.	Description
SK310	SK310	BNC Crimp pliers

Punch tools

110 block punchtool

Punch Tool for 110 Block for CAT5 110 block, metal.

Technical specifications

Function : 110-block punchtool
Material : Metal

Type no.	Manufacturer no.	Description
TD060	TD060	Suitable for: 110 Block

Krone LSA punchtool

Krone Punch Tool for LSA+, pulls wiring on LSA + rails and cuts redundant wires. With wire-guide.

- Including sensor for optimal wire guiding.

Technical specifications

Function	: LSA punchtool
Brand	: Krone
Suitable for	: LSA plus

Type no.	Manufacturer no.	Description
64172K	64172K	Function: Krone Punch Tool for LSA plus

Low cost LSA punchtool

This plastic LSA-PLUS punch tool is suitable for incidental use. If you need the LSA-PLUS technique regularly, you can use a professional punch tool, type 64172K.

Technical specifications

Function	: LSA punch tool
For	: Incidental use
Material	: Plastic

Type no.	Manufacturer no.	Description
TD070	TD070	Suitable for: LSA Plus

Fiber connection material - Patchpanels

Fiber connection material

Patchpanels

Fiber panel 24 x duplex LC multimode OM3

- Delivered with 24 LC duplex OM3 adapters
- Including 2 splice cassettes, 2 M20 glands, management spools, ty wraps and adhesive tie wraps cable mounts
- Extendable tray
- Two cable entry for PG11 and two cable entry for PG13 cable glands

Technical specifications

Connector A	: LC female (x48)
Connector B	: LC female (x48)
Frame material	: Metal
Category	: OM3
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 25.50 cm

Type no.	Manufacturer no.	Description
FA2037	FA2037	Fiber panel 24 x duplex LC multimode OM3

Fiber panel 24 x duplex LC singlemode OS2

- Delivered with 24 LC duplex OS2 adapters
- Including 2 splice cassettes, 2 M20 glands, management spools, ty wraps and adhesive tie wraps cable mounts
- Extendable tray
- Two cable entry for PG11 and two cable entry for PG13 cable glands

Technical specifications

Connector A	: LC female (x48)
Connector B	: LC female (x48)
Frame material	: Metal
Category	: OS2
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 25.50 cm

Type no.	Manufacturer no.	Description
FA2036	FA2036	Fiber panel 24 x duplex LC singlemode OS2

Fiber panel 24 ports unloaded

- Delivered with 24 blank plates replacabla with 24x LC(DX), SC(SX), ST(SX) or E2000 (DX)
- Including 2 splice cassettes, 2 M20 glands, management spools, ty wraps and adhesive tie wraps cable mounts
- Extendable tray
- Two cable entry for PG11 and two cable entry for PG13 cable glands (not included)

Technical specifications

Frame material	: Metal
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 25.50 cm

Type no.	Manufacturer no.	Description
FA2044	FA2044	Fiber panel 24 ports unloaded

Fiber panel 24 x duplex SC singlemode OS2

- Delivered with 24 SC duplex OS2 adapters
- Including 2 splice cassettes, 2 M20 glands, management spools, ty wraps and adhesive tie wraps cable mounts
- Extendable tray
- Two cable entry for PG11 and two cable entry for PG13 cable glands

Technical specifications

Connector A	: SC female (x48)
Connector B	: SC female (x48)
Frame material	: Metal
Category	: OS2
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 25.50 cm

Type no.	Manufacturer no.	Description
FA2038	FA2038	Fiber panel 24 x duplex SC singlemode OS2

Fiber panel 24 x duplex SC multimode OM3

- Delivered with 24 SC duplex OM3 adapters
- Including 2 splice cassettes, 2 M20 glands, management spools, ty wraps and adhesive tie wraps cable mounts
- Extendable tray
- Two cable entry for PG11 and two cable entry for PG13 cable glands

Technical specifications

Connector A	: SC female (x48)
Connector B	: SC female (x48)
Frame material	: Metal
Category	: OM3
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 25.50 cm

Type no.	Manufacturer no.	Description
FA2039	FA2039	Fiber panel 24 x duplex SC multimode OM3

Fiber panel 24 ports unloaded

- Works with 24x LC(DX), SC(SX), ST(SX), E2000 (DX) or MTP

Technical specifications

Frame material	: Metal
Number of ports/slots	: 24
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2047	FA2047	Fiber panel 24 ports unloaded

Fiber mounting box unloaded, 8 ports

- Include 8 spliceprotectors, space for 16 pieces
- Suitable for LC, SC, ST or E2000 adapters
- Two cable entry for PG13 cable gland (not included)
- One cable entry for PG21 cable gland (not included)

Technical specifications

Frame material	: ABS
Number of ports/slots	: 8

Type no.	Manufacturer no.	Description
FA2033	FA2033	Fiber mounting box without adapters, 8 ports

Fiber mounting box unloaded, 16 ports

- Include 16 spliceprotectors and two cable gland PG13.5
- Suitable for 16x LC(DX), SC(SX), ST(SX) or E2000 (DX) adapters
- two cable ports

Technical specifications

Frame material	: ABS
Number of ports/slots	: 16

Type no.	Manufacturer no.	Description
FA2034	FA2034	Fiber mounting box unloaded, 16 ports

DIN rail fiber optic terminal box unloaded, 12 ports

- Include 1x splice cassette, 1 x splice holder for 12 crimp splices, cable gland M20 and 1 x Alu DIN rail clip.
- Suitable for different adapters: 12x LC(DX), SC(SX), ST(SX) or E2000 (DX)
- 2 pcs cable entry ports; 12 pcs pigtail entry ports

Technical specifications

Frame material	: Metal
Number of ports/slots	: 12

Type no.	Manufacturer no.	Description
FA2043	FA2043	DIN rail fiber optic terminal box unloaded, 12 ports

Fiber mounting box without pigtail

Technical specifications

Frame material	: ABS
Number of ports/slots	: 2

Type no.	Manufacturer no.	Description
FA2032	FA2032	Fiber mounting box without pigtail

Fiber mounting box with pigtail and SC/APC singlemode adapter

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Frame material	: ABS
Category	: OS2
Number of ports/slots	: 1

Type no.	Manufacturer no.	Description
FA2031	FA2031	Fiber mounting box with pigtail and SC/APC singlemode adapter

Distribution box for assembled MTP®-MPO cassettes

- Extendable tray
- Many options for cable entry on the back
- Including ty wraps and adhesive tie wraps cable mounts
- 3 x Mounting hole

Technical specifications

Frame material	: Metal
Number of ports/slots	: 3
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2016	FA2016	3 x Mounting hole

Dummy plate for distribution box

- Suitable for the FA2016
- Pushbuttons to fit in panel

Technical specifications

Frame material	: Metal
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2017	FA2017	Dummy plate

Adapter plate 6 MTP®-MPO adapters Low Loss

Low loss adapter, 6 MTP®-MPO to 6 MTP®-MPO adapters . Supports both Singlemode and Multimode, is produced according the high ACT standard.

- Quick lock

Technical specifications

Frame material	: Metal
Number of ports/slots	: 6
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2046	FA2046	Adapter plate 6 MTP®-MPO Low Loss

Fanout cassette 12 fibers MTP®-MPO Low Loss OM3

Technical specifications

Connector A	: MTP (MPO) male (x1)
Connector B	: LC female (x12)
Frame material	: Metal
Category	: OM3
Number of ports/slots	: 12
Height units	: 1 U
Depth	: 7.50 cm

Type no.	Manufacturer no.	Description
FA2060	FA2060	Fanout cassette 12 fibers MTP®-MPO Low Loss OM3

Fanout cassette 24 fibers MTP®-MPO Low Loss OM3

Technical specifications

Connector A	: MTP (MPO) male (x2)
Connector B	: LC female (x24)
Frame material	: Metal
Category	: OM3
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 7.50 cm

Type no.	Manufacturer no.	Description
FA2061	FA2061	Fanout cassette 24 fibers MTP®-MPO Low Loss OM3

Fanout cassette 12 fibers MTP®-MPO Low Loss OM4

Technical specifications

Connector A	: MTP (MPO) male (x1)
Connector B	: LC female (x12)
Frame material	: Metal
Category	: OM4
Number of ports/slots	: 12
Height units	: 1 U
Depth	: 7.50 cm

Type no.	Manufacturer no.	Description
FA2062	FA2062	Fanout cassette 12 fibers MTP®-MPO Low Loss OM4

Fanout cassette 24 fibers MTP®-MPO Low Loss OM4

Technical specifications

Connector A	: MTP (MPO) male (x2)
Connector B	: LC female (x24)
Frame material	: Metal
Category	: OM4
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 7.50 cm

Type no.	Manufacturer no.	Description
FA2063	FA2063	Fanout cassette 24 fibers MTP®-MPO Low Loss OM4

Fanout cassette 12 fibers MTP®-MPO Low Loss OS2

Technical specifications

Connector A	: MTP (MPO) male (x1)
Connector B	: LC female (x12)
Frame material	: Metal
Category	: OS2
Number of ports/slots	: 12
Height units	: 1 U
Depth	: 7.50 cm

Type no.	Manufacturer no.	Description
FA2064	FA2064	Fanout cassette 12 fibers MTP®-MPO Low Loss OS2

Fanout cassette 24 fibers MTP®-MPO Low Loss OS2

Technical specifications

Connector A	: MTP (MPO) male (x2)
Connector B	: LC female (x24)
Frame material	: Metal
Category	: OS2
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 7.50 cm

Type no.	Manufacturer no.	Description
FA2065	FA2065	Fanout cassette 24 fibers MTP®-MPO Low Loss OS2

Fiber panel High Density for 5 MTP®-MPO cassettes

- High Density max. 120 fibers per panel

Technical specifications

Frame material	: Metal
Number of ports/slots	: 5
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2050	FA2050	Fiber panel High Density for 5 MTP®-MPO cassettes

Dummy plate for High Density fiber panel

- Suitable for the FA2050

Technical specifications

Frame material	: Metal
Height units	: 1 U

Type no.	Manufacturer no.	Description
FA2049	FA2049	Dummy plate for High Density fiber panel

High Density fanout cassette 24 fibers MTP®-MPO Low Loss OM3

- High Density

Technical specifications

Connector A	: MTP (MPO) male (x2)
Connector B	: LC female (x24)
Frame material	: Metal
Category	: OM3
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 11.00 cm

Type no.	Manufacturer no.	Description
FA2051	FA2051	High Density fanout cassette 24 fibers MTP®-MPO Low Loss OM3

High Density fanout cassette 24 fibers MTP®-MPO Low Loss OM4

- High Density

Technical specifications

Connector A	: MTP (MPO) male (x2)
Connector B	: LC female (x24)
Frame material	: Metal
Category	: OM4
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 11.00 cm

Type no.	Manufacturer no.	Description
FA2052	FA2052	High Density fanout cassette 24 fibers MTP®-MPO Low Loss OM4

High Density fanout cassette 24 fibers MTP®-MPO Low Loss OS2

- High Density

Technical specifications

Connector A	: MTP (MPO) male (x2)
Connector B	: LC female (x24)
Frame material	: Metal
Category	: OS2
Number of ports/slots	: 24
Height units	: 1 U
Depth	: 11.00 cm

Type no.	Manufacturer no.	Description
FA2053	FA2053	High Density fanout cassette 24 fibers MTP®-MPO Low Loss OS2

Adapters

LC adapters

Fiber optic MTP key up/down adapter singlemode multimode

Technical specifications

Housing material	: Plastic
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9010	12216	Fiber optic MTP key up/down adapter singlemode multimode

Fiber optic LC-LC duplex adapter singlemode OS2

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Category	: OS2
Cable colour	: Blue
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1004	EA1004	Fiber optic LC-LC duplex adapter singlemode OS2

Fiber optic LC-LC duplex adapter multimode OM5

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Category	: OM5
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1016	EA1016	Fiber optic LC-LC duplex adapter multimode OM5

Fiber optic LC-LC duplex adapter multimode OM4

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Category	: OM4
Cable colour	: Erika Violet
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9006	EA9006	Fiber optic LC-LC duplex adapter multimode OM4

Fiber optic LC-LC duplex adapter multimode OM3

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Category	: OM3
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9005	EA9005	Fiber optic LC-LC duplex adapter multimode OM3

Fiber optic LC-LC duplex adapter multimode OM1/OM2 flange

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Category	: OM1, OM2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1005	EA1005	Fiber optic LC-LC duplex adapter multimode OM1/OM2 flange

Fiber optic LC-LC duplex adapter multimode square

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Cable colour	: Ivory
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9002	EA9002	Fiber optic LC-LC duplex adapter multimode square

Fiber optic LC-LC quad adapter singlemode OS2

Technical specifications

Connector A	: LC female (x4)
Connector B	: LC female (x4)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1020	EA1020	Fiber optic LC-LC quad adapter singlemode OS2

Fiber optic LC-LC quad adapter OM5

Technical specifications

Connector A	: LC female (x4)
Connector B	: LC female (x4)
Housing material	: Plastic
Category	: OM5
Cable colour	: Lime green
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1019	EA1019	Fiber optic LC-LC quad adapter multimode OM5 flange

Fiber optic LC-LC quad adapter OM4

Technical specifications

Connector A	: LC female (x4)
Connector B	: LC female (x4)
Housing material	: Plastic
Category	: OM4
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9009	EA9009	Fiber optic LC-LC quad adapter OM4

Fiber optic LC-LC quad adapter OM3

Technical specifications

Connector A	: LC female (x4)
Connector B	: LC female (x4)
Housing material	: Plastic
Category	: OM3
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9008	EA9008	Fiber optic LC-LC quad adapter OM3

Fiber optic LC-LC quad adapter OM1/OM2

Technical specifications

Connector A	: LC female (x4)
Connector B	: LC female (x4)
Housing material	: Plastic
Category	: OM1, OM2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1018	EA1018	Fiber optic LC quad adapter OM1/OM2

Fiber optic LC loopback adapter

Technical specifications

Connector A	: LC male (x2)
Housing material	: Plastic
IL (max.)	: 0.30 dB

Type no.	Manufacturer no.	Description
EA9003	EA9003	Fiber optic LC loopback adapter multimode 850 nm
EA9004	EA9004	Fiber optic LC loopback adapter singlemode 1310 nm

LC-APC adapters

Fiber optic LC-APC duplex adapter singlemode OS2

Technical specifications

Connector A	: LC female (x2)
Connector B	: LC female (x2)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA9007	EA9007	Fiber optic LC-APC duplex adapter OS2

Fiber optic LC-APC quad adapter singlemode OS2

Technical specifications

Connector A	: LC female (x4)
Connector B	: LC female (x4)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1021	EA1021	Fiber optic LC-APC quad adapter singlemode OS2

SC adapters

Fiber optic SC-SC simplex adapter singlemode OS2

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA2003	EA2003	Fiber optic SC-SC simplex adapter singlemode OS2

Fiber optic SC-SC simplex adapter multimode OM5

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Housing material	: Plastic
Category	: OM5
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1026	EA1026	Fiber optic SC-SC simplex adapter multimode OM5

Fiber optic SC-SC simplex adapter multimode OM4

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Housing material	: Plastic
Category	: OM4
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1025	EA1025	Fiber optic SC-SC simplex adapter multimode OM4

Fiber optic SC-SC simplex adapter multimode OM3

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Housing material	: Plastic
Category	: OM3
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1024	EA1024	Fiber optic SC-SC simplex adapter OM3

Fiber optic SC-SC simplex adapter multimode OM1/OM2

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Housing material	: Plastic
Category	: OM1, OM2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1023	EA1023	Fiber optic SC-SC simplex adapter multimode OM1/OM2

Fiber optic SC-SC duplex adapter singlemode OS2

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: SC female (x2)
Connector B	: SC female (x2)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA3002	EA3002	Fiber optic SC-SC duplex adapter singlemode OS2

Fiber optic SC-SC duplex adapter multimode OM5

Technical specifications

Connector A	: SC female (x2)
Connector B	: SC female (x2)
Housing material	: Plastic
Category	: OM5
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1027	EA1027	Fiber optic SC-SC duplex adapter multimode OM5

Fiber optic SC-SC duplex adapter multimode OM4

Technical specifications

Connector A	: SC female (x2)
Connector B	: SC female (x2)
Housing material	: Plastic
Category	: OM4
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA3004	EA3004	Fiber optic SC-SC duplex adapter multimode OM4

Fiber optic SC-SC duplex adapter multimode OM3

Technical specifications

Connector A	: SC female (x2)
Connector B	: SC female (x2)
Housing material	: Plastic
Category	: OM3
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA3003	EA3003	Fiber optic SC-SC duplex adapter multimode OM3

Fiber optic SC-SC duplex adapter multimode OM1/OM2

Technical specifications

Connector A	: SC female (x2)
Connector B	: SC female (x2)
Housing material	: Plastic
Category	: OM1, OM2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1006	EA1006	Fiber optic SC-SC duplex adapter multimode OM2

SC-APC adapters

Fiber optic SC-APC - SC-APC simplex adapter single-mode OS2

Technical specifications

Connector A	: SC female (x1)
Connector B	: SC female (x1)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA3005	EA3005	Fiber optic SC-APC simplex adapter single-mode SC-APC/SC-APC

Fiber optic SC-APC - SC-APC duplex adapter singlemode OS2

Technical specifications

Connector A	: SC female (x2)
Connector B	: SC female (x2)
Housing material	: Plastic
Category	: OS2
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1028	EA1028	Fiber optic SC-APC - SC-APC duplex adapter singlemode OS2

ST adapters

Fiber optic ST-ST simplex adapter

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: ST female (x1)
Connector B	: ST female (x1)
Housing material	: Metal
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1001	EA1001	Fiber optic ST-ST simplex adapter

Fiber optic ST-ST simplex adapter

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: ST female (x1)
Connector B	: ST female (x1)
Housing material	: Metal
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA2004	EA2004	Fiber optic ST-ST simplex adapter ST/ST

Hybrid adapters

Fiber optic LC-SC simplex adapter

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: LC female (x1)
Connector B	: SC female (x1)
Housing material	: Metal
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA8001	EA8001	Fiber optic LC-SC simplex adapter

Fiber optic LC-ST simplex adapter

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: LC female (x1)
Connector B	: ST female (x1)
Housing material	: Metal
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1040	EA1040	Fiber optic LC-ST simplex adapter

Fiber optic SC-ST simplex adapter

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: SC female (x1)
Connector B	: ST female (x1)
Housing material	: Plastic
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA1036	EA1036	Fiber optic SC-ST simplex adapter

Fiber optic SC-ST duplex adapter

- Can be used for single- and multimode fiber connections.

Technical specifications

Connector A	: SC female (x2)
Connector B	: ST female (x2)
Housing material	: Plastic
IL (max.)	: 0.20 dB
IL (avg.)	: 0.10 dB

Type no.	Manufacturer no.	Description
EA2002	EA2002	Fiber optic SC-ST duplex adapter

Attenuators

SC Fiber optic attenuator

- Can also be used for WDM (Wavelength Division Multiplexing).

Technical specifications

Connector A	: SC male (x1)
Connector B	: SC female (x1)

Type no.	Manufacturer no.	Description
EA4001	EA4001	SC Fiber optic attenuator 1 dB
EA4002	EA4002	SC Fiber optic attenuator 2 dB
EA4003	EA4003	SC Fiber optic attenuator 3 dB
EA4005	EA4005	SC Fiber optic attenuator 5 dB
EA4007	EA4007	SC Fiber optic attenuator 7 dB
EA4010	EA4010	SC Fiber optic attenuator 10 dB
EA4015	EA4015	SC Fiber optic attenuator 15 dB

LC Fiber optic attenuator

- Can also be used for WDM (Wavelength Division Multiplexing).

Technical specifications

Connector A : LC male (x1)
Connector B : LC female (x1)
Housing colour : Blue

Type no.	Manufacturer no.	Description
EA4021	EA4021	LC Fiber optic attenuator 1 dB
EA4022	EA4022	LC Fiber optic attenuator 2 dB
EA4023	EA4023	LC Fiber optic attenuator 3 dB
EA4025	EA4025	LC Fiber optic attenuator 5 dB
EA4027	EA4027	LC Fiber optic attenuator 7 dB
EA4030	EA4030	LC Fiber optic attenuator 10 dB
EA4035	EA4035	LC Fiber optic attenuator 15 dB

Fiber connection material - Pigtails

Pigtails

LC 50/125µm OM4 pigtail

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A-m fiber

Technical specifications

Connector A : LC male (x1)
Polishing A : UPC
Connector B : Open end (x1)
Fiber cable : Semitight buffer
Fiber type : Multimode
Category : OM4
Number of fibers : 1
Core diameter : 50/125 µm
IL (max.) : 0.30 dB
IL (avg.) : 0.15 dB
RL (min.) : 30 dB
Outer jacket : LSZH
Outer diameter : 0.90 mm
Cable colour : Erika violet

Type no.	Manufacturer no.	Description
RL3795	RL3795	LC 50/125µm OM4 pigtail

SC 50/125µm OM4 pigtail

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A-m fiber
- UPC polish

Technical specifications

Connector A	: SC male (x1)
Polishing A	: UPC
Connector B	: Open end (x1)
Fiber cable	: Semitight buffer
Fiber type	: Multimode
Category	: OM4
Number of fibers	: 1
Core diameter	: 50/125 µm
IL (max.)	: 0.30 dB
IL (avg.)	: 0.15 dB
RL (min.)	: 30 dB
Outer jacket	: LSZH
Outer diameter	: 0.90 mm
Cable colour	: Erika violet

Type no.	Manufacturer no.	Description
RL8795	RL8795	SC 50/125µm OM4 pigtail

LC 50/125µm OM3 pigtail

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A-m fiber

Technical specifications

Connector A	: LC male (x1)
Polishing A	: UPC
Connector B	: Open end (x1)
Fiber cable	: Semitight buffer
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 1
Core diameter	: 50/125 µm
IL (max.)	: 0.30 dB
IL (avg.)	: 0.15 dB
RL (min.)	: 30 dB
Outer jacket	: LSZH
Outer diameter	: 0.90 mm
Cable colour	: Aqua

Type no.	Manufacturer no.	Description
RL9695	RL9695	LC 50/125µm OM3 pigtail

SC 50/125µm OM3 pigtail

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A-m fiber
- UPC polish

Technical specifications

Connector A	: SC male (x1)
Polishing A	: UPC
Connector B	: Open end (x1)
Fiber cable	: Semitight buffer
Fiber type	: Multimode
Category	: OM3
Number of fibers	: 1
Core diameter	: 50/125µm OM3
IL (max.)	: 0.30 dB
IL (avg.)	: 0.15 dB
RL (min.)	: 30 dB
Outer jacket	: LSZH
Outer diameter	: 0.90 mm
Cable colour	: Aqua

Type no.	Manufacturer no.	Description
RL8695	RL8695	SC 50/125µm OM3 pigtail

LC 9/125µm OS2 pigtail

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A-m fiber
- UPC polish

Technical specifications

Connector A	: LC male (x1)
Polishing A	: UPC
Connector B	: Open end (x1)
Fiber cable	: Semitight buffer
Fiber type	: Multimode
Category	: OS2
Number of fibers	: 1
Core diameter	: 9/125 µm
IL (max.)	: 0.30 dB
IL (avg.)	: 0.15 dB
RL (min.)	: 50 dB
Outer jacket	: LSZH
Outer diameter	: 0.90 mm
Cable colour	: Yellow

Type no.	Manufacturer no.	Description
RL9995	RL9995	LC 9/125µm OS2 pigtail

SC 9/125µm OS2 pigtail

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A-m fiber
- UPC polish

Technical specifications

Connector A	: SC male (x1)
Polishing A	: UPC
Connector B	: Open end (x1)
Fiber cable	: Semitight buffer
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 1
Core diameter	: 9/125 µm
IL (max.)	: 0.30 dB
IL (avg.)	: 0.15 dB
RL (min.)	: 50 dB
Outer jacket	: LSZH
Outer diameter	: 0.90 mm
Cable colour	: Yellow

Type no.	Manufacturer no.	Description
RL8995	RL8995	SC 9/125µm OS2 pigtail

ANT Crimp splice protection

- Universal splice protection for all optical fibres up to 250µm
- Simple, reliable and fast mounting.
- Applicable to all thermal splicing units by various manufactures.
- To orders per 15 pieces

Type no.	Manufacturer no.	Description
FA2041	FA2041	ANT Crimp splice protection (Order step quantity: 15)

Thermo splice protection 45mm

- Shrinktube with metal strength

Type no.	Manufacturer no.	Description
FA2028	FA2028	Themo splice protection 45mm (Bag 100 pcs)

Splitters

Fiber optic splitter 1x LC to 2x LC 9/125µm OS2

PLC (Planar Lightwave Circuit) Splitters are single mode splitters with an even split ratio of one or two input fiber(s) to multiple output fibers.

Available on request in other versions:
- multiple splits: 1xN and 2xN (N for 2, 4, 8, 16, 32, 64).
- 900µm loose tube singlemode fiber
- Various connectors or open ends

- Individual test report each cable on IL and RL, End-face 100% inspected
- Laser presision cleaving
- Grade A fiber
- UPC polish

Technical specifications

Connector A	: LC male (x1)
Polishing A	: UPC
Connector B	: LC male (x2)
Polishing B	: UPC
Fiber cable	: Splitter
Fiber type	: Singlemode
Category	: OS2
Number of fibers	: 2
Core diameter	: 9/125 µm
IL (max.)	: 4.00 dB
IL (avg.)	: 3.60 dB
RL (min.)	: 55 dB
Outer jacket	: LSZH
Outer diameter	: 2.00 mm
Cable colour	: White

Type no.	Manufacturer no.	Description
FA2042	FA2042	Fiber optic splitter 1x LC to 2x LC 9/125µm OS2, 1.00 m

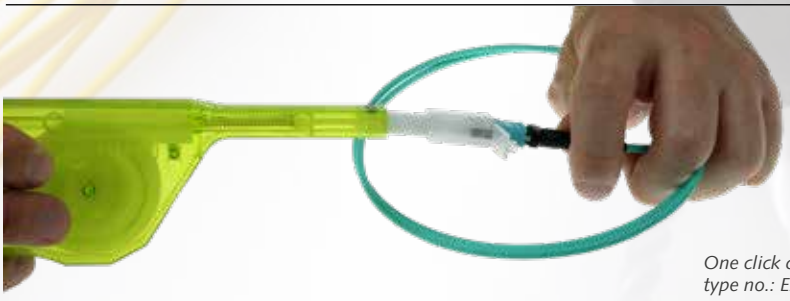
Fiber optic cleaners

ACT fiber optic cleaners for the best performance

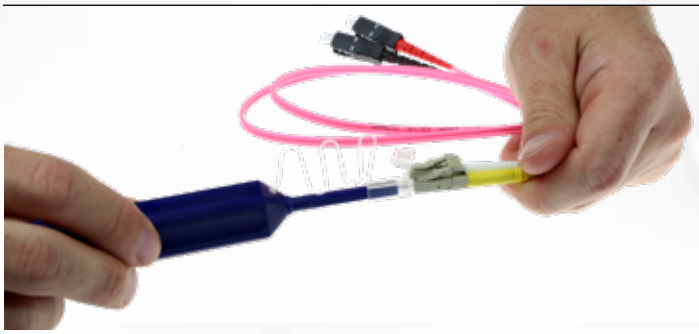
Use ACT Fiber optic cleaners for the best performance
In order to get the best performance out of our fiber optic network we advise to always clean the ferrule tips of the connectors. Cleaning fibers is essential for an optimal connection as dirt can block the path of light and damages connectors and equipment. With the increase in network speeds we see that the cleaning of fibers is essential in order to prevent failures and degraded performances.

The greatest cause of link failures are issues with connector contamination. This is reported by 98% of installers and 80% of network owners in a study by NTT-Advanced Technology. Cleaning a fiber reduces the chance of contaminating another optical interface or expensive fiber optic equipment.

Cleaners for fiber cables
ACT advises to inspect and clean all connectors before they are plugged into connectors or equipment, this also applies to new cables. It is not necessary to periodically clean connectors that are already mated. We offer two kind of ACT cleaners for fiber cables, a reel cleaner and one click cleaner. The advantage of a reel cleaner is the possibility to clean connectors with different ferrule sizes. The advantage of a one click cleaner is the possibility to clean both connectors and bulkheads (adapters). They are easy to use, minimizing the risk of clean mistakes. By cleaning fiber connectors the transceivers will not get dirty either. When they do, we advise to use cleaning sticks. Cleaning sticks have the lowest chance of damaging your equipment.



One click cleaner
type no.: EA9912



One click cleaner
type no.: EA9910

Fiber cleaning

Fiber cleaner LC

- 800+ cleaning per unit
- Cleans LC, E2000 and MU connectors with PC, UPC and APC polishes
- Cleans connectors loaded in a bulkhead adapter and on cable assemblies

Type no.	Manufacturer no.	Description
EA9910	EA9910	One click cleaner LC

Fiber cleaner SC

- 800+ cleaning per unit
- Cleans SC, ST and FC connectors with PC, UPC and APC polishes
- Cleans connectors loaded in a bulkhead adapter and on unmated cable assemblies

Type no.	Manufacturer no.	Description
EA9911	EA9911	One click cleaner SC

Fiber cleaner MPO/MTP

- 600 cleaning per unit
- Cleans MTP® and generic MPO connectors
- Cleans male (with guide pins) and female MT ferrules
- Cleans connectors loaded in a bulkhead adapter and on cable assemblies
- Cleans multimode (flat) and singlemode (8° angled) MT ferrules

Type no.	Manufacturer no.	Description
EA9912	EA9912	One click cleaner MPO/MTP

Fiber reel cleaner

Cleaning tape, which is automatically reeled on with each use.

- Cleaning without alcohol
- Approx. 400 connectors per tape.

Type no.	Manufacturer no.	Description
EA9901	EA9901	Reel cleaner

Spare reel for reel cleaner

Type no.	Manufacturer no.	Description
EA9902	EA9902	Spare reel for EA9901

Fiber cleaner LC

US Conec offers a variety of high performance fiber optic cleaning solutions that are simple to use and effective. A clean connector is extremely important in the realiability of any optical network infrastructure. That's why US Conec believes in providing the right tools and easy-to-follow guidelines for proper fiber optic cleaning.
The US Conec IBC™ Brand Cleaners are mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors.

- 525+ cleaning per unit
- Cleans LC, E2000 and MU connectors with PC, UPC and APC polishes
- Cleans connectors loaded in a bulkhead adapter and on cable assemblies

Type no.	Manufacturer no.	Description
EA1008	9393	LC and MU connectors, PC and APC polishes

Fiber cleaner SC

US Conec offers a variety of high performance fiber optic cleaning solutions that are simple to use and effective. A clean connector is extremely important in the realiability of any optical network infrastructure. That's why US Conec believes in providing the right tools and easy-to-follow guidelines for proper fiber optic cleaning.
The US Conec IBC™ Brand Cleaners are mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors.

- 525+ cleaning per unit
- Cleans SC, ST and FC connectors with PC, UPC and APC polishes
- Cleans connectors loaded in a bulkhead adapter and on unmated cable assemblies

Type no.	Manufacturer no.	Description
EA1007	9392	IBC brand Fiber cleaner SC

Fiber cleaner MPO/MTP

US Conec offers a variety of high performance fiber optic cleaning solutions that are simple to use and effective. A clean connector is extremely important in the realiability of any optical network infrastructure. That's why US Conec believes in providing the right tools and easy-to-follow guidelines for proper fiber optic cleaning.
The US Conec IBC™ Brand Cleaners are mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors.

- 600 cleaning per unit
- Cleans MTP® and generic MPO connectors
- Cleans male (with guide pins) and female MT ferrules
- Cleans connectors loaded in a bulkhead adapter and on cable assemblies
- Cleans multimode (flat) and singlemode (8° angled) MT ferrules

Type no.	Manufacturer no.	Description
EA1009	7104	MTP/MPO connectors

Fiber compact cleaner SC

US Conec offers a variety of high performance fiber optic cleaning solutions that are simple to use and effective. A clean connector is extremely important in the realiability of any optical network infrastructure. That's why US Conec believes in providing the right tools and easy-to-follow guidelines for proper fiber optic cleaning.
The US Conec IBC™ Brand Cleaners are mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors.

- Compact size
- 525+ cleaning per unit
- Cleans SC, ST and FC connectors with PC, UPC and APC polishes
- Cleans connectors loaded in a bulkhead adapter and on cable assemblies

Type no.	Manufacturer no.	Description
EA1010	13964	IBC brand Fiber compact cleaner SC

Fiber compact cleaner LC

US Conec offers a variety of high performance fiber optic cleaning solutions that are simple to use and effective. A clean connector is extremely important in the realiability of any optical network infrastructure. That's why US Conec believes in providing the right tools and easy-to-follow guidelines for proper fiber optic cleaning.
The US Conec IBC™ Brand Cleaners are mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors.

- Compact size
- 525+ cleaning per unit
- Cleans LC, E2000 and MU connectors with PC, UPC and APC polishes
- Cleans connectors loaded in a bulkhead adapter and on cable assemblies

Type no.	Manufacturer no.	Description
EA1011	13965	IBC brand Fiber compact cleaner LC

Cleaning stick for fiber optic connections

- For cleaning fiber optic connections at difficult to reach places in adapters and especially active fiber optic equipment (transceivers, (Q)SFP(+/28) modules)
- Cleaning without alcohol
- The special fabric absorbs and retains dirt.

Type no.	Manufacturer no.	Description
EA9904	EA9904	Diametre: 1,25 mm (Box 10 pcs)
EA9905	EA9905	Diametre: 2,50 mm (Bag 10 pcs)

Alcohol dispenser

- Without contents

Type no.	Manufacturer no.	Description
EA9907	EA9907	Alcohol dispenser

Connectors

Fiber optic connectors

Fiber connectors dust covers

Type no.	Manufacturer no.	Description
EA1003	EA1003	SC/ST dust cap (Bag 25 pcs)
EA1002	EA1002	LC dust cap (Bag 25 pcs)

Fiber IP67 range

Fiber IP67 panel mounted LC receptacle inline coupler

- For front- or rear panel mounting up to wall thinkness of 3,2 mm
- With protection cap

Technical specifications

Temperature range : -40 till +85 °C
Protecting : IP67

Type no.	Manufacturer no.	Description
DE4164	17-300230	Singlemode LC duplex (Order step quantity: 10)
DE4165	17-300240	Multimode LC duplex (Order step quantity: 10)

Fiber IP67 cable connector

- With protection cap

Technical specifications

Temperature range : -40 till +85 °C
Protecting : IP67

Type no.	Manufacturer no.	Description
DE4166	17-300200	Singlemode LC duplex
DE4167	17-300210	Multimode LC duplex

Test equipment

Cable tester UTP/STP/FTP/BNC

This cable tester is suitable for testing UTP, STP, FTP and BNC cabling. With this tester it becomes easy to detect the correct connections, short circuits, open connections and cross-wired connections. Thanks to the seperate receiver, already installed cables (with cable-ends on different locations) can also be tested.

- Easy use.
- Including receiver and carrying bag.

Technical specifications

Connections	: BNC, RJ-45 shielded, RJ-11 and RJ-12
RJ-45 connection	: Tests pins 1-8 and the mass
BNC connection	: Tests central contact and mass
Power supply	: Battery 9V DC (not included)
Measurement Basis Unit	: 150x62x26 mm
Measurement Receiver	: 100x30x26 mm
Weight	: 200 g

Type no.	Manufacturer no.	Description
DX220	DX220	Kabeltester UTP/STP/FTP/BNC

LAN Tester - UTP/ FTP/BNC

LAN Tester for UTP, FTP, BNC, test cables, adapters, couplers and carrying bag included
The DX 240 consists of a main unit, which can function independently or in combination with the 'remote' tester, which is used if the cable is already installed and the other end cannot be routed back to the main unit.

Tests:
- Correct connection,
- Short-circuit,
- Open and cross connections.
- Auto and manual scan.

- Very fast detection.
- Including carrying bag and manual.
- Auto and manual scan.

Technical specifications

Contents	: 2 parts (one basis unit can work independently) and one receiver (used for remote testing)

Type no.	Manufacturer no.	Description
DX240	DX240	Kabeltester UTP/BNC/STP

Fiber Optic cable tester

- Tester to check if light travels through the fiber I check if there are micro- or macro bendings I identify different fibers / cables

Technical specifications

Wave length	: 650 ± 10 nm
Peak power	: 1 mW
Pulse repetition rate	: 2 -3 Hz
Power	: 2x AA Batteries (included)
Dimensions	: 100 x 30 x 18 mm

Type no.	Manufacturer no.	Description
CX1007	CX1007	Fiber Optic cable tester

Fiber Optic Microscope

The CX1008 fiber optic microscope is used for inspection of the connector ferrule in order to check if the surface contains contamination or is damaged.

- Controls: momentary on/off switch for light source and fine force control wheel

Technical specifications

Power : 3x AAA Batteries (included)

Type no.	Manufacturer no.	Description
CX1008	CX1008	Fiber Optic Microscope

KTI

Industrial unmanaged switch 10/100 Mbps

- Wide operating temperature range for critical environment.
- Industrial-rated Emission and Immunity performance.
- Provide two power input types to meet more application needs.

Technical specifications

Copper ports : 10/100 Mbps, RJ-45
Power Supply : 7 - 30V, DC , not included
Operating temperature : -35 ~ +70 °C
Mounting : DIN-Rail

Type no.	Manufacturer no.	Description
KS3000	KFS-0540	5 x 10/100 Mbps
KS3001	KFS-0840	8 x 10/100 Mbps
KS3002	KFS-1640-L	16 x 10/100 Mbps

Industrial unmanaged switch 10/100 Mbps

Technical specifications

Copper ports : 4 x 10/100 Mbps, RJ-45 + 1x combo RJ-45/SFP
Combo ports : 1 x 10/100 Mpbs or 100Mbps SFP slot
SFP slots : 1x 100Base-FX
Power Supply : 6 - 57 V DC , not included
Operating temperature : -20 ~70 °C
Mounting : DIN-Rail

KS3004

Total ports : 5
PoE+ ports : 4

Type no.	Manufacturer no.	Description
KS3004	KSD-541-HP	4+1 ports 10/100 Mbps with PoE+
KS3005	KSD-541	4+1 ports 10/100 Mbps

Industrial managed Fast Ethernet Layer 2 switches

- Supports extended ambiant temperatures of -20 ?C to 70 ?C.
- Fiber ports support ' Far end Fault' to prevent data loss.
- Supports VLAN, QoS and Port Control.
- Management via SNMP, Telnet, event traps and webinterface.
- Suitable for DIN-Rail and wall mounting.

Technical specifications

Copper ports	: 10/100 Mbps, RJ-45
Power supply	: +7~30 V DC, not included
Temperature range	: -20 to +70C

Type no.	Manufacturer no.	Description
KS3022	KSD-800M-1T	7 x 10/100 Mbps + 1 x Multimode ST
KS3024	KSD-800M-1C	7 x 10/100 Mbps + 1 x Multimode SC
KS3026	KSD-800M-1SL2	7 x 10/100 Mbps + 1 x Singlemode SC
KS3020	KSD-800M	8 x 10/100 Mbps

Industrial managed IP66/IP67 Fast Ethernet L2 switch

- Support IGMP snooping function
- Waterproof enclosure design, LAN port connectors and power connector
- Port mirroring function
- Support jumbo frame up to 9.6K bytes
- Support 802.1w RSTP, 8021D STP and MSTP for preventing loop connection
- Support redundant ring applications with enhanced industrial RSTP

Technical specifications

Copper ports	: 8 x 10/100 Mbps, M12
Temperature range	: -30 to +70C
Power supply	: +6.5 ~+60 V DC, not included

Type no.	Manufacturer no.	Description
KS3115	KGS-0841-W	8x 10/100 Mbps

Industrial managed Gigabit Ethernet Layer 2 Switch

- Can be mounted on Panel, DIN-Rail or wall.
- Functions within very large temperature range.
- IGMP snooping support.
- Deliverd without SFP modules

Technical specifications

Copper ports	: 5 x 10/100/1000 Mbps, RJ-45
SFP slots	: 1 x 1000 Mbps SFP port
Power supply	: + 7.5 V DC, not included
Temperature range	: -30 to +70C

Type no.	Manufacturer no.	Description
KS3100	KGD-600	5x 10/100/1000 Mpbs

Industrial 8 ports unmanaged Gigabit Ethernet Layer 2 Switch

- Alarm relay output for power failure event and configured port link fault events.
- Functions within very large temperature range.
- Jumbo frame support.
- Industrial-rated emission and immunity performance

Technical specifications

Copper ports	: 8 x 10/100/1000 Mbps, RJ-45
Power supply	: +8 ~ + 57 V DC not included
Temperature range	: -30 to +75C
Housing	: Metal

Type no.	Manufacturer no.	Description
KS4000	KGS-0840	8 x 10/100 Mbps, DC power

Industrial 10 ports L2 managed Gigabit switch with 2 SFP ports

- HTTP/HTTPS/SSHv2/CLI telnet/CLI console/SNMP v1/v2c/v3/RMON
- Support PSE-PD function
- Port link aggregation function with LACP support
- Supports SFP with Digital Diagnostic Monitoring (DDM)

Technical specifications

Copper ports	: 8x 10/100/1000 Mbps RJ-45,2x SFP
SFP slots	: 2x Dual speed 100BASE-FC , 1000BASE-X compliant SFP connector
Temperature range	: -40 to +70C

Type no.	Manufacturer no.	Description
KS8050	KGS-1060	Industrial 10 ports L2 managed Gigabit switch with 2 SFP ports

Industrial 10 ports L2 managed Gigabit switch with 2 SFP and 4 PoE PSE ports

- HTTP/HTTPS/SSHv2/CLI telnet/CLI console/SNMP v1/v2c/v3/RMON
- Support PoE PSE Redundancy function.
- Port link aggregation function with LACP support
- Supports SFP with Digital Diagnostic Monitoring (DDM)
- Provides four 802.3at-compliant PoE PSE ports

Technical specifications

Copper ports	: 8x 10/100/1000 Mbps RJ-45,2x SFP
SFP slots	: 2x Dual speed 100BASE-FC , 1000BASE-X compliant SFP connector
Temperature range	: -40 to +70C

Type no.	Manufacturer no.	Description
KS8049	KGS-1060-HP	Industrial 10 ports L2 managed Gigabit switch with 2 SFP and 4 PoE PSE ports

Industrial media converters TP to fiber

- Extended configuration options.
- Including DIN Rail mounting bracket.

Technical specifications

Copper ports	: 1 x 10/100Mbps, RJ-45
Fiber ports	: 1x 100Base-FX
Power	: +7V~30V DC, not supplied
Ambiant temperature	: -10 C to +60C, 5%-95%, non-condensing
Mounting	: DIN Rail, Plane
Wavelength	: 1310 nM
Cables	: MMF 50/125 um, 62.5/125 um fiber cable

Type no.	Manufacturer no.	Description
KC1030	KCD-300-T	TP to fiber multimode ST
KC1032	KCD-300-C	TP to fiber multimode SC

Industrial compact media converters TP to fiber

Technical specifications

Copper port	: 1 x 10/100 Mbps, RJ-45
Fiber Port	: 100 Base-FX
Power	: +4,5 V~50V DC, not supplied
Temperature range	: -40 to +70C
Mounting	: DIN Rail

Type no.	Manufacturer no.	Description
KC1070	KFC-241-L-T	TP to fiber Multimode ST
KC1071	KFC-241-L-C	TP to fiber Multimode SC
KC1072	KFC-241-L-SL2	TP to fiber Singlemode SC

Accessories for Industrial Media Converter

Technical specifications

Suitable for : KC1030, KC1032, KC1070, KC1071, KC1072,

Type no.	Manufacturer no.	Description
KC1034	KCD-3PB	Panel bracket
KC1037	PA-7.5V-1.2A	Power adapter 7.5 V / 1.2 A

Industrial 3-ports L2 Fast Ethernet media converter switch

- Multimode fiber to single mode fiber bridging converter
- Fiber cable extender

Technical specifications

Copper ports : 10/100 Mbps, RJ-45
Fiber ports : 100 Mbps, full duplex
Power Supply : +7 ~+50 V DC, not included
Operating temperature : -20 °C to 70 °C

Type no.	Manufacturer no.	Description
KS3030	KSD-103-A-T	1 x Multimode ST duplex
KS3031	KSD-103-A-C	1 x Multimode SC duplex
KS3032	KSD-103-A-SL2	1 x Singlemode SC duplex

Industrial 1000Base-T to 1000Base-X Gigabit media converter

- Plug and play design with no configuration setting
- Wide operating temperature range for temperature critical environment
- Provide two power input types to meet more application needs
- Support DIN-Rail mounting and panel mounting
- Accept wide power input voltage range for application flexibility
- Industrial-rated Emission and Immunity performance

Technical specifications

Copper ports : 1000 Mbps RJ-45
Power Supply : +7 ~+50 V DC, not included
Ambiant Temperature : -20 to +70C

Type no.	Manufacturer no.	Description
KS3040	KCD-400-SX	1 x Multimode duplex LC (SFP)
KS3041	KCD-400-LX	1 x Multimode duplex of singlemode LC (SFP)

Industrial Managed Multi-function GbE mediaconverter

- Redundant ring function
- Link fault pass through (LFPT)
- Jumbo frame support

Technical specifications

Copper ports	: 1000 Mbps RJ-45
Power Supply	: +12 ~+57V DC, not included
Ambiant Temperature	: -40 °C to 70 °C

Type no.	Manufacturer no.	Description
KS4014	KGC-460	2 x 10/100/1000 Mbps + 2 x SFP

Industrial Managed Multi-function GbE mediaconverter with PoE+ support

- Redundant ring function
- Link fault pass through (LFPT)
- Jumbo frame support

Technical specifications

Copper ports	: 1000 Mbps RJ-45
Power Supply	: for PoE+ support +45 ~ +57 V DC
Ambiant Temperature	: -40 °C to 70 °C

Type no.	Manufacturer no.	Description
KS4015	KGC-460-HP	2 x 10/100/1000 Mbps + 2 x SFP + 2 x PoE+

RS-232 converter

The converter is designed to provide the most versatile connection possible between two RS-232 serial equipment using fiber optic cable. It allows any two pieces of serial equipment to communicate full-duplex over typical duplex fibers, or over optional single fiber up to 20km. The converter supports transparent conversion for not only RS-232 data lines, but also all RS-232 control signals. It also supports all RS-232 baud rates with no need for user configuration. The Din-rail mountable design makes it ideal for industrial cabinets and enclosures.

- Also suitable for control signals.
- Support for all RS-232 baudrates.

Technical specifications

Fiber ports	: 1 x SC duplex
Power supply	: +7 ~+50 V DC, not included
Model	: DIN Rail
Designed for	: Communication between RS232 serial devices full duplex over fiber cable

Type no.	Manufacturer no.	Description
KC1100	KSC-200C	RS-232 converter

DIN Rail mounting bracket

Type no.	Manufacturer no.	Description
KS8006	KC-3DR	DIN Rail mounting bracket

64172K 480
AB1008 263
AB3730 61
AB3740 60
AB3750 69
AB3755 68
AB3760 68
AB3765 67
AB3766 68
AB3768 48
AB3769 49
AB3770 49
AB3771 49
AB3985 69
AB3995 67
AB3996 56
AB3997 56
AB7230 179
AB7302 178
AB7400 178
AB7410 177
AB7500 179
AB7600 179
AB7963 244
AB7964 245
AB7966 244
AB7969 243
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AB9035 136
AB9045 136
AB9055 136
AB9065 136
AB9066 66
AB9083 136
AB9113 136
AB9134 136
AB9149 136
AB9154 136
AB9803 137
AC4430 399
AC4434 399
AC4438 399
AC6005 220
AC6010 220
AC6060 218
AC6120 285
AC6150 302
AC7000 127
AC7010 126
AC7012 126
AC7015 126
AC7020 126
AC7030 127
AC7035 127
AC7040 302
AC7041 302
AC7050 285
AC7051 285
AC7055 285
AC7070 285
AC7702 232
AC7704 232
AC7750 205
AC7800 175
AC7810 175
AC7820 175
AC7820 203
AC7830 225
AC7830 232
AC7840 225
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AC7850 175
AC7851 175
AC7860 225
AC7860 226
AD1001 181
AD1003 182
AD1004 182
AD1008 181
AD1010 211
AD1011 208
AD1020 210
AD1021 210
AD1022 251
AD1023 251
AD1024 251
AD1050 209
AD1100 210
AD1114 210
AD1127 208
AD1150 209
AD1200 251
AD1202 251
AD1204 251
AD1228 210
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AD1232 210
AD1700 251
AD1702 251
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AD1704 251
AD1705 251
AD1900 214
AD1902 214
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AD2001 251
AD2002 251
AD2003 236
AD2005 207
AD2006 181
AD2008 181
AD2013 247
AD2014 252
AD2015 252
AD2016 207
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AD2018 257
AD2019 257
AD2020 257
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AD2034 256
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AD2094 258
AD2095 258
AD2108 257
AD2109 215
AD2110 254
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AD3000 249
AD3001 249
AD3002 249
AD3003 249
AD3004 248
AD3005 248
AD3006 248
AD3007 248
AD3008 246
AD3009 246
AD3010 246
AD3011 246
AD3012 246
AD3015 248
AD3052 247
AD3054 247
AD3056 247
AD3058 247
AD3101 250
AD3102 250
AD3103 250
AD3104 250
AD3105 249
AD3106 249
AD4004 250
AD8016 208
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