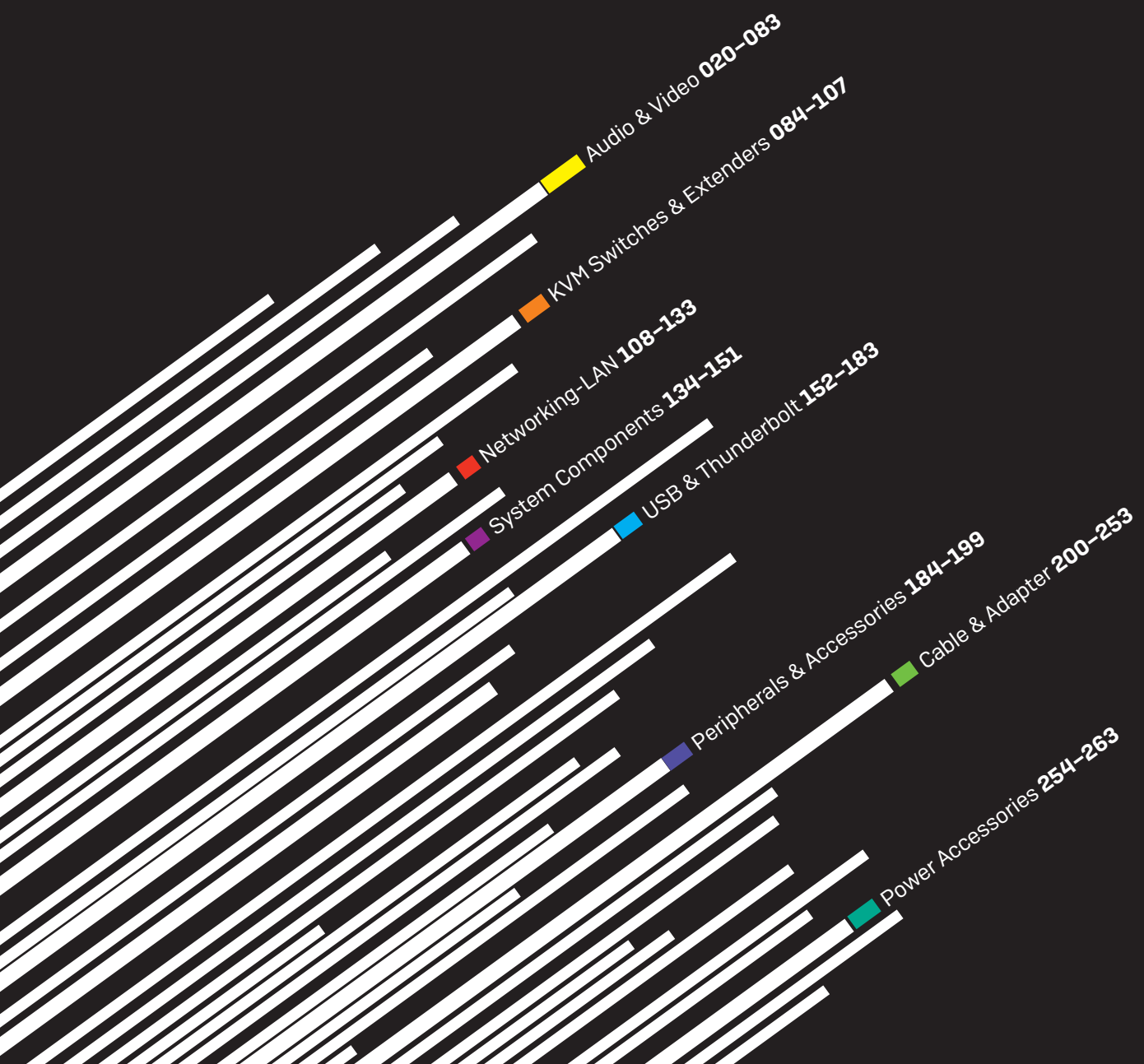# LINDY
CONNECTION PERFECTION

CHANGING PERSPECTIVES

Combined Connectivity Solutions
2017

The ways in which separate components interact with each other is crucial in any functional system! A large number of our products take basic AV and IT information and bring them together to form a group of products with a wide range of functions. These combination systems can in turn be combined with other products to form complex, reliable solutions. This is our philosophy when it comes to developing and choosing our products.

Through innovation and the continuous development of our products and processes, we are able to offer a substantial and reliable interconnection of technology and first class service. Thanks to our wide product range of over 3,500 products that are always available in our warehouses, with more than eight decades of experience, and our in-depth knowledge of the market requirements in the various fields of application in business, education, home entertainment and event facilities, we offer solutions for every requirement – available worldwide.

Our Web-shop
lindy.com

DEAR BUSINESS PARTNERS
DEAR CUSTOMERS

For over eight and a half decades, the LINDY brand embodied future-oriented connectivity solutions. This embodiment continues to happen today and in the next 85 years. LINDY wants to focus even more intensively on the significant interplay of individual components in complex solutions. For LINDY, this holistic approach is essential when it comes to connecting, distributing, converting, or extending analog and digital signals and reaching the limits of maximum transmission distances in a wide variety of ways.

Technical progress is constant in changing markets. The demands are rising and the complexity increasing. To master these challenges, it's not enough to just change only one setting wheel, but many! Which of these are the right and important ones? This question motivates us. That is why we always look at your requirements. With our services and solutions, we want to contribute to your competitiveness.

When assembling the product range for this catalog, we were guided by innovation and technological developments as well as by your needs and wishes. Possible connections between individual components are displayed and similar components are shown.

Making the assembly of products and technologies as simple as possible is our guiding principle when we develop our solutions. Our vision of an intelligent, diverse and modular product range is just as important as the smooth interaction of its components. The fact that our components provide constant and reliable performance at all times means we want to increase your performance and ultimately your success. This is what this catalog is all about. We want to convince you with quality, reliability and genuine partnership. We take on responsibility by quickly and flexibly addressing and implementing your requirements. And our employees support you with motivation and competence.

We would be very pleased if you find some inspiration for your project in this catalog.

International Management Board.
One Business. Four Families.

Sheau Chen
Jürgen & Peter Lindenberg
Darren Casey
Tony Jamieson

CONTACT US

INTERNATIONAL

Esteban Chaparro
esteban.chaparro@lindy.com

LINDY International Ltd.
Sadler Forster Way
Teesside Industrial Estate,
Thornaby
Stockton-on-Tees TS17 9JY
T: +441642754000
F: +441642765274
postmaster@lindy.com

GERMANY

Matthias Starke
matthias.starke@lindy.de

LINDY-Elektronik GmbH
Markircher Str. 20
68229 Mannheim
T: +49621470050
F: +4962147005990
info@lindy.de

UNITED KINGDOM

Sufri Weithers
sufri.weithers@lindy.co.uk

LINDY Electronics Ltd.
Sadler Forster Way
Teesside Industrial Estate,
Thornaby
Stockton-on-Tees TS17 9JY
T: +441642754000
F: +441642765274
postmaster@lindy.co.uk

ITALY

Luca Russo
luca.russo@lindy.it

LINDY Italia S.r.l.
Via Varesina, 126/b
22079 - Villa Guardia (CO)
T: +39 31 484 011
F: +39 31 480 652
info@lindy.it
Supporto Tecnico:
tech@lindy.it

FRANCE

Claude Kruger
claude.kruger@lindy.fr

LINDY France
13 Rue Desaix,
67450 Mundolsheim
Services client:
T: +33 825 825 111
F: +33 3 88 205 774
Services administratifs:
T: +33 (0) 3 88 200 466
france@lindy.fr

PORTUGAL

Dhiren C Asher
lider@lidertronica.com

Lidertrónica, Lda
Av. Mouzinho de Albuquerque,
48 Cv
1170-265 Lisboa
T: +351 218 161 050
lider@lidertronica.com

SWITZERLAND

Marc-André Ansermoz
marc-andre.ansermoz@lindy.ch

LINDY-Elektronik AG
Florenz-Strasse 9
4023 Basel
T: +41 61 335 9700
F: +41 61 335 9709
info@lindy.ch

SOUTH AFRICA

Erika van Robbroeck
erikavr@linkqage.co.za

Linkqage
30 Gold Street, Northgate
Estate,
Brooklyn, Cape Town,
7405, South Africa
T: +27 21 514 4800
F: +27 21 511 1433
support@linkqage.co.za

LINDY Austria
T: +43 317 9 23 200
F: +43 317 9 232 001
info@lindy.at

AUSTRALIA

Tony Jamieson
tony.jamieson@lindy.com.au

Australia
LINDY Australia Pty Ltd
Unit 2, 43-49 Sandgate Road
Albion Qld 4010
T: +61 7 32 62 9033
F: +61 7 32 62 9055
info@lindy.com.au

USA
LINDY Computer Connection
Technology Inc.,
26469 Nick Davis Road, Suite B
Athens, AL 35613
T: +1 256 771-0660
F: +1 256 771-0460
usa@lindy-usa.com

China
LINDY
No. 979, Yinxian Dadao,
Xia Ying Duan
Yinzhou District, Ningbo 315100
T: +86 574 86995613
F: +86 574 86995610
info@lindy-china.cn

LINDY Taiwan
LINDY Asia Inc.
16F-6, No.75, Sec.1
Hsin Tai Wu Rd,
Shijr District, New Taipei
CityT: +886 2 86981141
F: +886 2 86981143
sales@lindy.com.tw

Japan
LINDY Sales Inc.
2-14-#203,
Asahi Jinbocho Plaza,
Kanda-Jinbocho,
Chiyoda-ku,
Tokyo, 101-0051
T: +81-3-6272-9860
F: +81-3-6369-3883
support@lindy.co.jp

CONNECTION TECHNOLOGY

The transmission of signals with the highest bandwidth and in the best quality over longest distances has always been one of our great strengths. Our extensive cable and adapter assortment not only covers standard lengths that are within the specified maximum distances. We also have the technological knowledge to use our cables to reach the super long distance class which makes it possible to overcome the limits of specified maximum transmission ranges.

Regardless of the quality our cables, which are far above the market requirements, any cable technology can reach its physical limits if digital AV signals with high data rates are to be transmitted over distances of more than 20m without loss of quality. With our repeaters, we are able to double or even triple these transmission distances once again. For almost unlimited connections we use the best of extenders, for transmission over several hundred meters, several kilometers, and virtually unlimited over IP.

BEST AVAILABILITY
500 different cable variations in each length with an unprecedented availability. 24 hours delivery thanks to a worldwide logistics network with 3 logistics centers in China, England & Germany.

IN BULK & INDIVIDUAL
Delivery from just one piece or also in large quantities. From simple computer cable to high-performance AV cables to industrial cable technology. As bulk order or a whole container. Assembled and unassembled. Special or standard orders.

AV cable with high transmission bandwidth in lengths greater than 10m. Large wire cross sections in combination with different cable types, twisted pair wires, 360° shielding as well as solid metal connectors with secure plug-in mechanism ensure loss-free and reliable signal transmission.

SUPER LONG DISTANCE

FO LONG DISTANCE CONNECTIONS
Over 50 different extenders or repeaters make it possible to send digital AV signals via HDMI, DVI or DP over long distances. Up to 300m by means of copper cable and up to 20km by means of fiber optic (FO) technology required in harsh environments.

MODULAR MATRIX
TECHNOLOGY

Our Matrix Switch solutions are modular switchboards that enable switching, distributing, and converting digital AV signals. They are capable of efficient signal management and their modular design ensures a fully flexible and easy-to-install installation and safe operation in large environments. The matrix switch solution is not only a huge switchboard but also a powerful „simultaneous converter".

These modular solutions can quickly and reliably output AV data streams of the highest bandwidth and over wide distances from a wide range of input sources and video formats to a wide variety of outputs. In keeping with our philosophy, we have also consistently designed these solutions for different situations in conjunction with our remaining product range. We offer products which complement each other and offer the best solution – all from a single source.

VGA
DVI
HDMI
HDBaseT

MANY POSSIBILITIES
Configurable 4 input modules each with 8 ports for up to 32 input ports. Input module available for HDMI, DVI, VGA and HDBaseT.

VARIATIONS 8, 16, 24 or 32 inputs to 8, 16, 24 or 32 outputs as matrix switch. Source to end device distance is scalable via the use of HDBaseT modules.
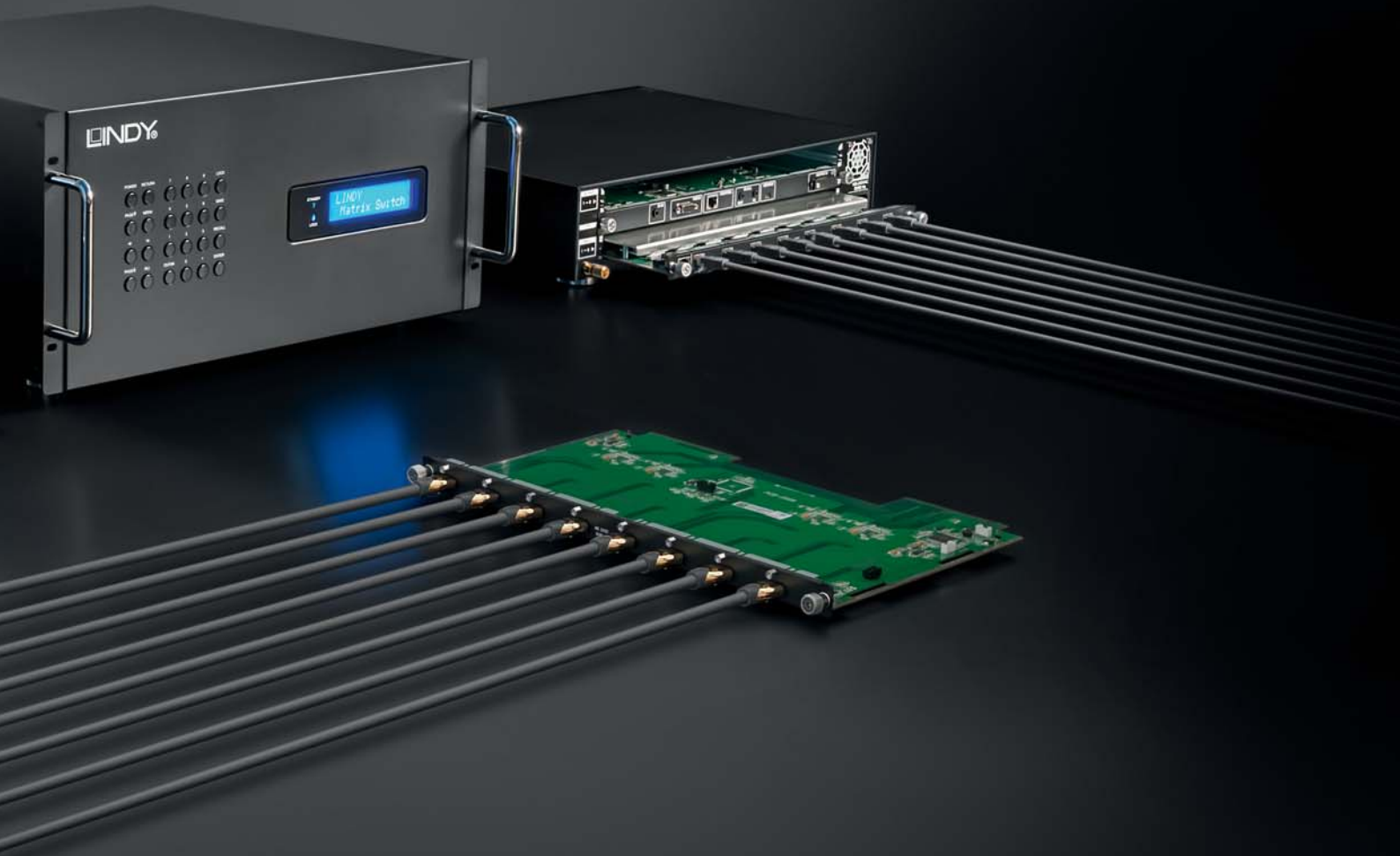
SIGNAL CONVERSION
Compute-intensive simultaneous signal conversion of dozens analog or digital input signals to digital outputs in any combination and in real time.

24/7

RELIABILITY
24/7 with up to 1000 Watt. Modular redundant power supplies, in case the main power supply fails an alarm occurs and the second power supply takes over.

HDBaseT
TECHNOLOGY

Uncompressed digital image and sound signals coupled with control and return signals over long distances over a single cable is not a trivial task. Especially since the UHD multimedia content should be maintained without any quality loss. Our highly reliable HDBaseT solution is made for such demanding tasks. Our HDBaseT connectivity range extends from complete transmitter & receiver sets to individual matrix extenders and 8-port splitters, including compatible receivers.

We believe that with the HDBaseT 5Play standard will be one of the connecting standards of the future. For A/V distribution in the home theater segment and especially in the professional segment. The quality of the wiring is essential. Direct Cat.6 and Cat.7 installation cables are required to achieve the maximum bandwidth and distance. We offer individual components or comprehensive solutions for a complete HDBaseT signal transmission.

A SINGLE CABLE ...
... can transmit the 5Play standard signal which includes UltraHD Digital Video/Audio, 100Base-T Ethernet, up to 100W Power over HDBaseT, RS232, IR control signals and USB 2.0 signals.

HDBaseT

When using cost-effective, dedicated Cat cables, HDBaseT is the technology for transmitting uncompressed signals up to 100m.

DIVERSITY
From 5 full equipped transmitter and receiver sets, to 15 individual components with the High Performance class. Whether for 1:1, 1:n, or n:n connections.

COM-BINE All from source. Combine the HDBaseT technology with more than 400 additional components, such as splitters and matrix switches, as well as installation cables with 100m length and the corresponding RJ45 connectors.

FIBER OPTIC
TECHNOLOGY

The even more advanced technique of optical transmission becomes necessary when it comes to reaching the greatest possible distances. The use of the LINDY Hybrid cables or fiber optic extenders is highly recommended. They offer maximum performance over maximum distances. This provides an ideal transfer method for instance in the digital signage market, but also in medical, military and government environments. This technology is used because it is particularly resistant to electromagnetic interference.

High resolution AV signals without compression over different points with distances of more than 500m belongs to the daily business of many users. This makes it all more important that extender solutions exists that can be quickly replaced with variable cable lengths. Fiber optic cables can easily be used at different distances within any new application, providing a simple, cost-saving and flexible solution. A clear advantage over hybrid cables that are fixed into the plug.

20 KILOMETER
is the maximum distance with our cable connected fiber optic solutions.

20 GIGABIT per second
can be achieved with our standard assorment of fiber optic cable.

300 ... configurable solutions consisting of FO extenders and patch cables in LC and SC duplex including MPO versions and of course in different lengths with high stock availability.

SPECIAL ORDER
Customized products as well as individual project support for any desired cable length according to individual specifications.

USB
TECHNOLOGY

A new era has started for us and for the market with USB 3.1 SuperSpeed+. The new standard is already being supported by all modern operating systems. The reason: faster data transmission, higher power ratings and backward compatibility. Together with the Type-C connector, which is an indispensable interface in the market for making modern requirements and challenges in home and in the professional market justified.

Every USB application is different and thus also has a different data transfer requirement. Our wide range of USB extender technologies allows for efficient expansion and distribution of USB signals. By properly selecting and combining the individual elements, USB signals can be transmitted over maximum distances from the source device to destination device. In applications such as in the industrial environment, the reliability of the extenders via metal housings that protect against interference has the highest priority.

FASTER
USB 3.1 SuperSpeed+
With data rates of up to 10Gbps, approximately 20 times faster than USB 2.0 and 12 times faster than FireWire. A 4K UltraHD movie can be transferred in 30 seconds.

DIVERSE

15

15 cable and adapter types for USB 3.1 Type-C 20 Type-C adapters, hubs or enclosures. A variety of USB Type C display adapters for connecting monitors with VGA port, DVI port, HDMI or DisplayPort, HDMI 2.0.

RANGE
1.5 Meter
with direct cable connection
for USB 3.1 Gen2.

30 Meter
with cascadable copper based repeater system for USB 3.1 Gen1.

400 Meter
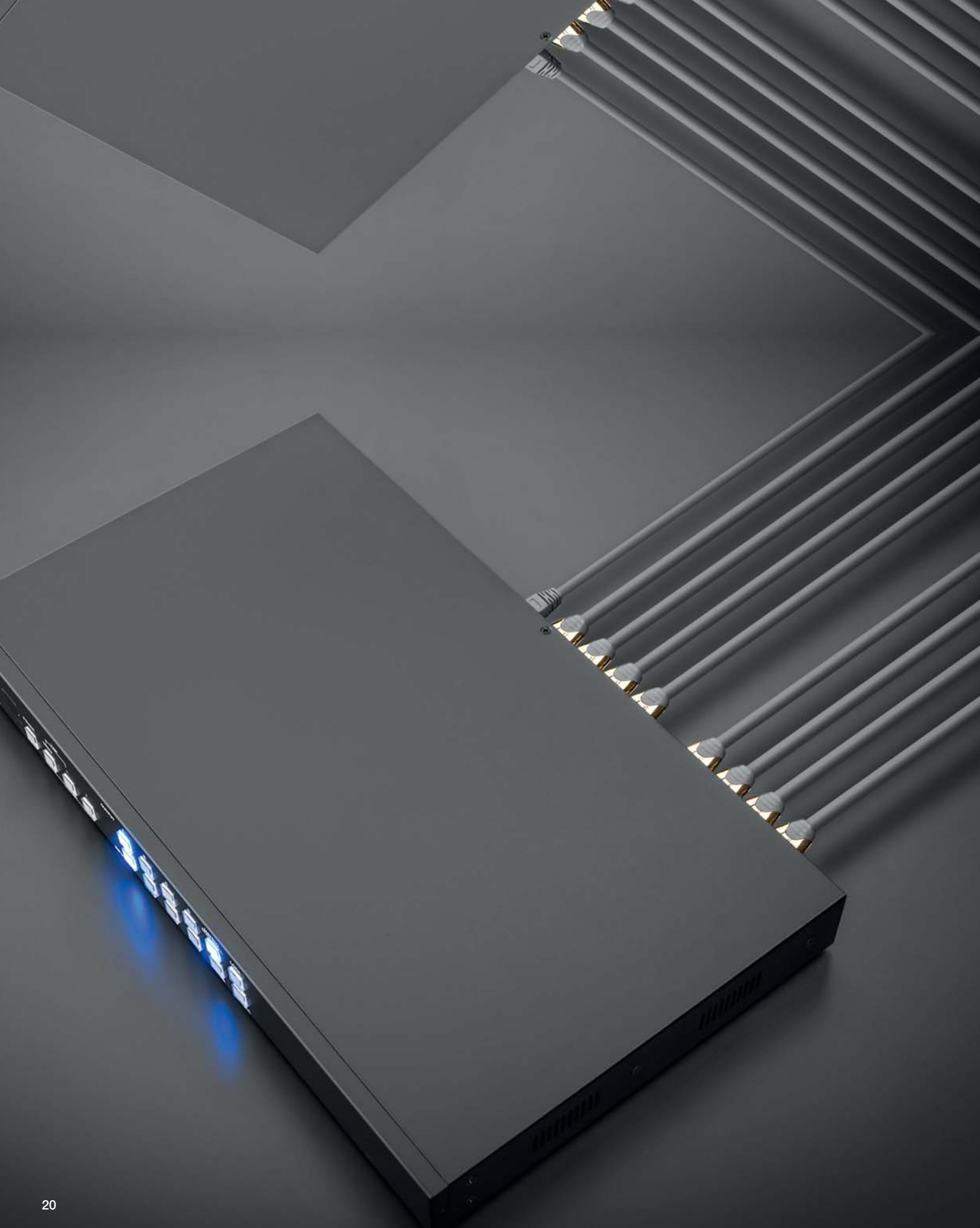with Optical Extender technology for USB 3.1 Gen1.

Individual special order of cables, components and project planning has been a core aspect of our business for many years. When planning projects, several questions concerning necessary components, custom designs, features and prices are asked. Our project team's technical know-how can assist and give professional advice, and help find the suitable price. We work closely with our production specialists to meet individual customer specifications. The availability of samples or products for trial is in most cases possible.

T: +44 (0) 1642 75 40 20
F: +44 (0) 1642 75 40 29
POSTMASTER@LINDY.COM

INT

T: +49 (0) 621 47005100
F: +49 (0) 621 47005990
INFO@LINDY.DE

DE

PRICE LIST
simply ask us!

AUDIO & VIDEO CLARITY

LONG DISTANCE
CONNECTIONS

High performance super long distance cable solutions from Lindy for a reliable, lossless digital high-speed distribution of audio and video data. Digital audio and video transmissions are becoming sharper, clearer and more flexible – but not simpler: high-performance IT, digital signage and AV distribution solutions must be able to transmit huge amounts of data at high speeds to provide the highest resolutions and brilliant audio quality with up to eight channels. State-of-the-art technologies such as 3D or the HD successor 4K also need significantly more bandwidth. Additionally, data transfer that takes place between source and target devices must incorporate the maximum displayable image resolution, including the temporary offset of image and sound, HDMI control commands and copy protection (HDCP).

The quality of the extensive range of LINDY cables goes far beyond these market requirements. However, even such high-quality HDMI, DVI or DisplayPort cables soon reach their physical limits when transmitting large amounts of data with at high speed over distances greater than 20m without quality loss. This scenario occurs, e.g. in conference and training rooms when using large wall displays or ceiling mounted projectors.

In professional environments, it is therefore not sufficient to simply use a longer cable for transmitting the high-resolution and bandwidth-intensive content. During digital signal transmission, as the maximum possible length of the transmission line is approached, no quality loss arises in the terms of color and image anomalies - in contrast to analogue signal transmissions. This continues to be true as long the cable continues to be of good quality and the maximum cable length requirement is kept. Once the maximum possible distance is exceeded, audio and video can completely fail and often without warning. ▶

max. **5000** m

9

8

7

20 m
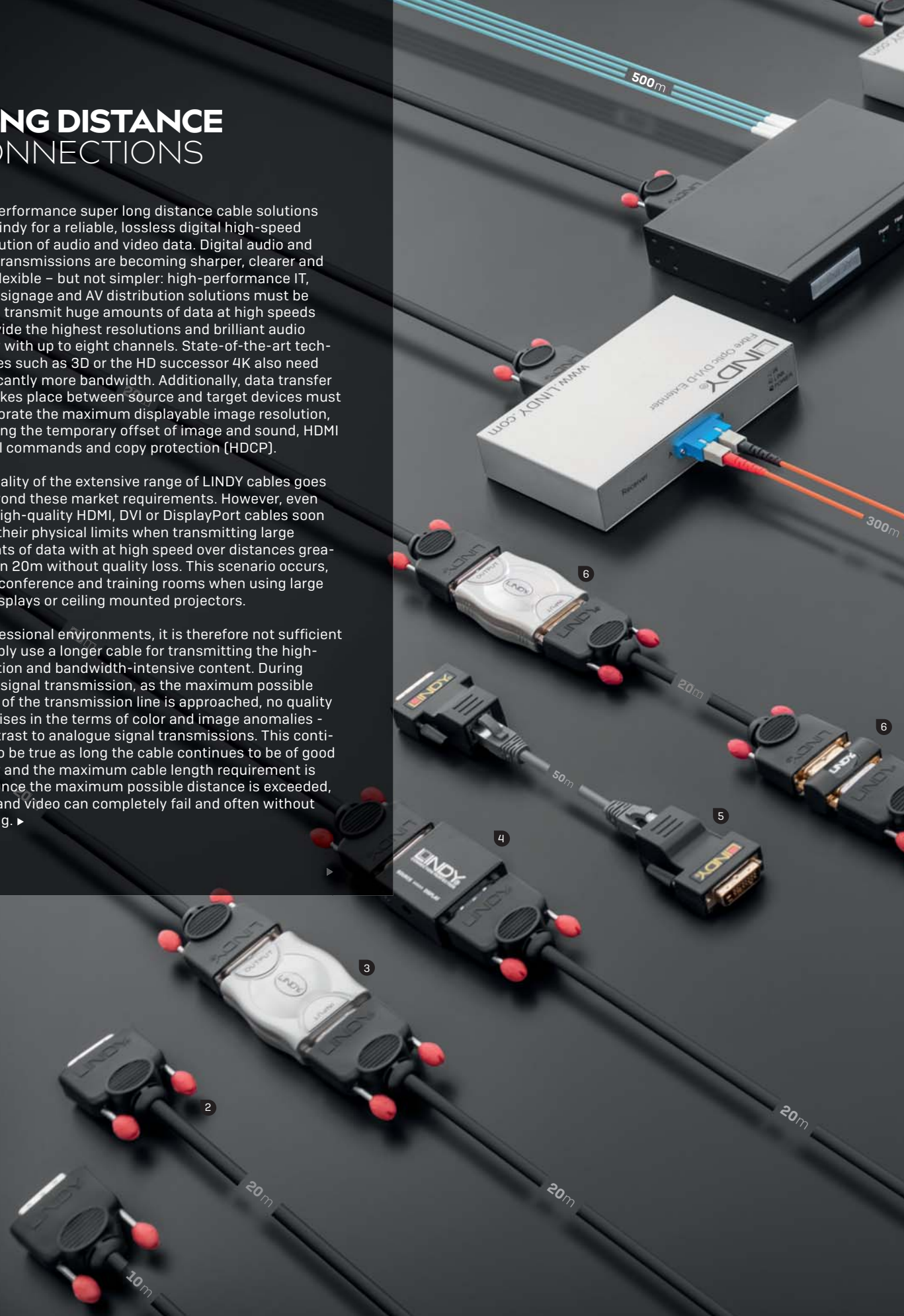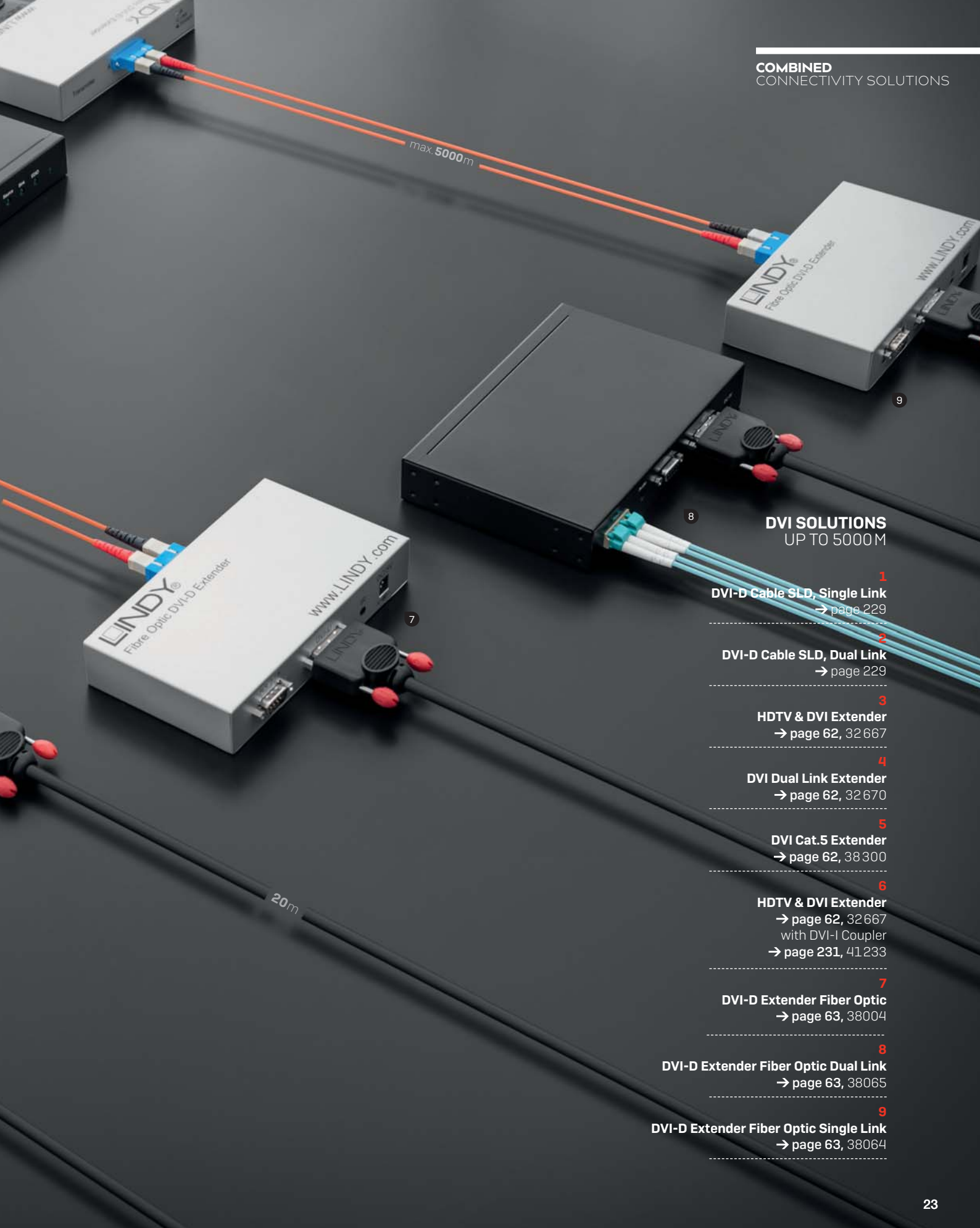
DVI SOLUTIONS
UP TO 5000 M

LINDY's aim when designing its cable range for super long distance applications is to ensure complete backwards compatibility with legacy versions of current AV standards with the best digital transmission quality. To manufacture such cables above a length of 10 m or more is by no means easy. In fact it requires a great deal of technical know-how. To ensure excellent and loss-free signal transmission, LINDY cables come with large core cross-sections, twisted dual pair, maximum 360° shielding with the highest-possible shielding effect to protect against electromagnetic interference and solid full-metal connectors with a safe, reliable connection mechanism.

DISTANCE EXTENSION

To guarantee a reliable operation of event management applications, fixed installation AV and digital signage systems, cables need to meet very high requirements. LINDY super long distance cable solutions can be used up to a maximum length of 20m. HDMI or DVI extenders or repeaters are needed to transmit digital AV signals over longer distances. Extenders are inserted into a transmission link in order to extend their maximum bridging distance. They usually comprise two components: the transmitter and receiver. They are connected to each other by means of copper cables (usually for connections under the length of 100m) or fiber optic cables (for even larger distances). These are different to repeaters which merely boost an existing AV data signal and act as a simple line repeater. Both solutions, however, can transmit signal faults too. This makes high-quality cables essential for both the connection between the transmitter and receiver and the connections to the source and destination devices. ▶

10

9

8

7

HDMI SOLUTIONS
UP TO 3000M

1
High Speed HDMI Cable
length: 0.3–20m
➔ starting **page 233**

2
High Speed Active Cable
length: 10m-30m
➔ starting **page 45**

3
HDMI & IR Cat.6 Extender
Full HD
➔ **page 48,** 38002

4
HDMI Extender/Repeater
for HDTV Signals, up to 4K30Hz
➔ **page 45,** 38015

5
HDMI & IR Cat.6 Extender
Full HD
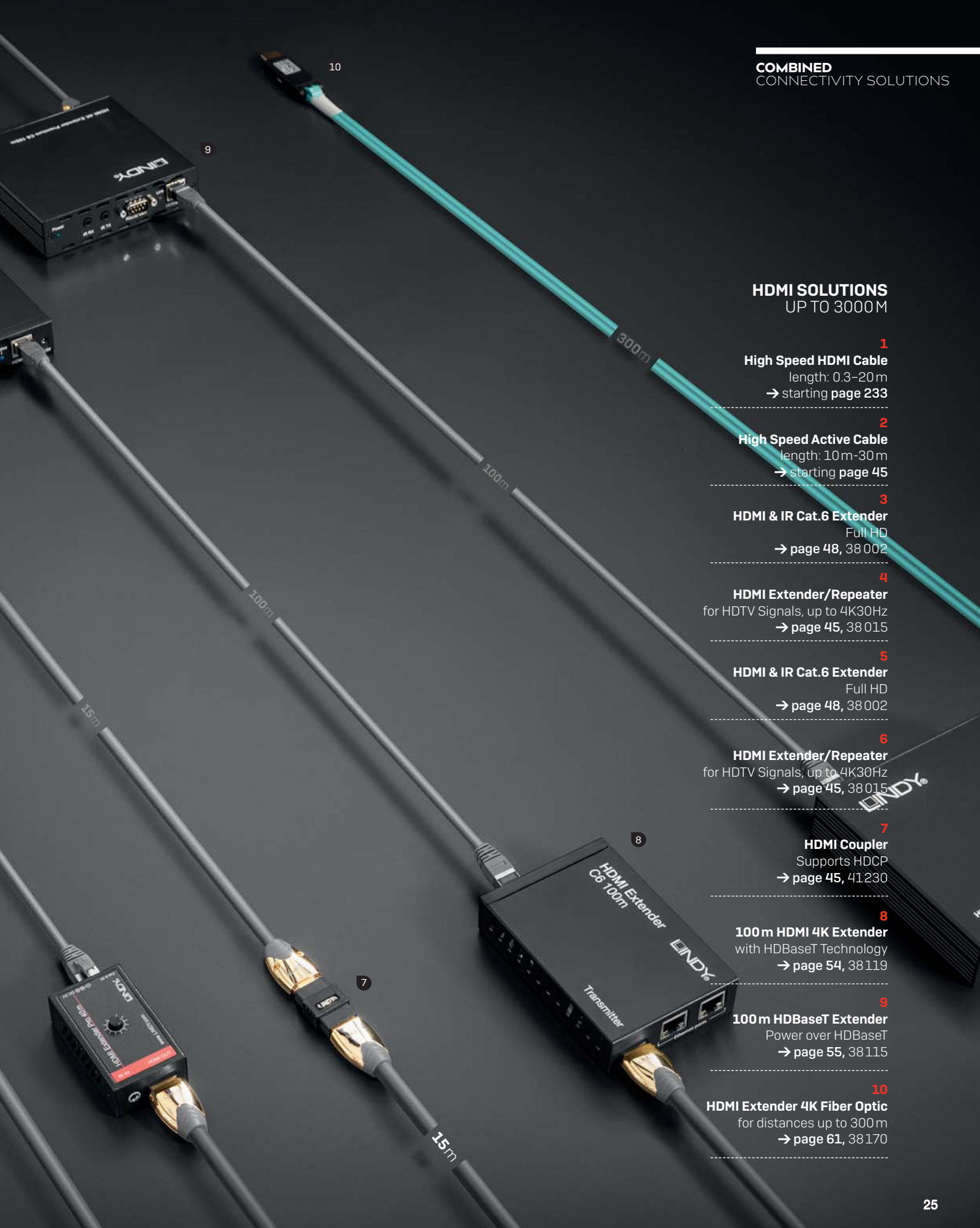➔ **page 48,** 38002

6
HDMI Extender/Repeater
for HDTV Signals, up to 4K30Hz
➔ **page 45,** 38015

7
HDMI Coupler
Supports HDCP
➔ **page 45,** 41230

8
100m HDMI 4K Extender
with HDBaseT Technology
➔ **page 54,** 38119

9
100m HDBaseT Extender
Power over HDBaseT
➔ **page 55,** 38115

10
HDMI Extender 4K Fiber Optic
for distances up to 300m
➔ **page 61,** 38170

INTELLIGENT FIBER OPTIC CONNECTIONS

When you need to bridge larger distances, more sophisticated optical technology is needed. We recommend using LINDY hybrid cables or fiber optic extenders. They offer very high performance with data speeds of almost 20 Gigabit per second over maximum distances. This technology represents an ideal transmission method for the large distances required, e.g., for digital signage. This technology is used in medical, military and official environments mainly due to its resistance to interferences. Video data signals, which require the highest available bandwidth, are sent over fiber optic cables. These cables are fully resistant to electromagnetic interference. They can therefore be installed next to other high current cables without problem.

LINDY has minimised the electronics needed for the fiber optic connection system to fit them inside the HDMI connector. At the same time, all signals are only transmitted via a single duplex cable. The HDMI signals are converted into optical light pulses in the sender and converted back to HDMI signals by the receiver. Being able to send high resolution video signals without compression across different links of up to 300m is a day-to-day requirement for many applications. Flexible solutions which can quickly be replaced with variable cable lengths are thus becoming more and more important. Fiber optic cables are the most sensitive part of such an HDMI extender solution. For this reason an additional benefit lies in being able to replace the fiber optics easily and cost-effectively. The new 4K UHD sender and receiver pair is a solution allowing for flexible use of fiber optic connection technology.

DISPLAYPORT SOLUTIONS
UP TO 200 M

3

4

200m

20m
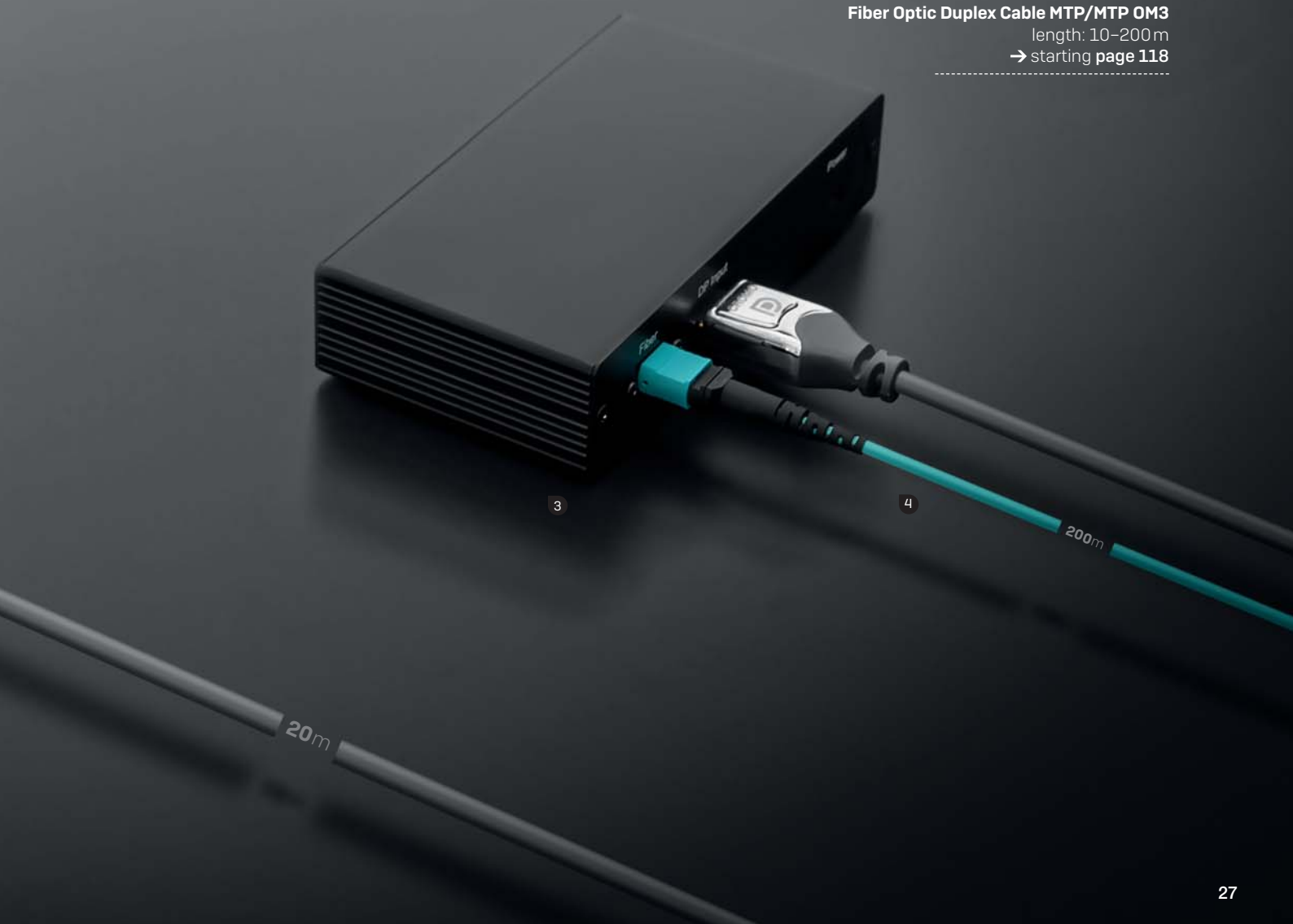
AUDIO/VIDEO
CABLE GUIDE

OUR AV CABLES ARE AVAILABLE IN STANDARD AND PREMIUM QUALITY IN CHAPTER CABLES & ADAPTERS.

FireWire
page 222

DisplayPort
page 237

Power Cable
page 260

Toslink
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DVI
page 229

Composite
Video & Audio Stereo
page 252

Audio Stereo
page 251

HDMI
page 232

S-VHS / S-Video
page 253

S/PDIF Coaxial
Digital Audio
page 250

Ethernet
page 124

VGA
page 226
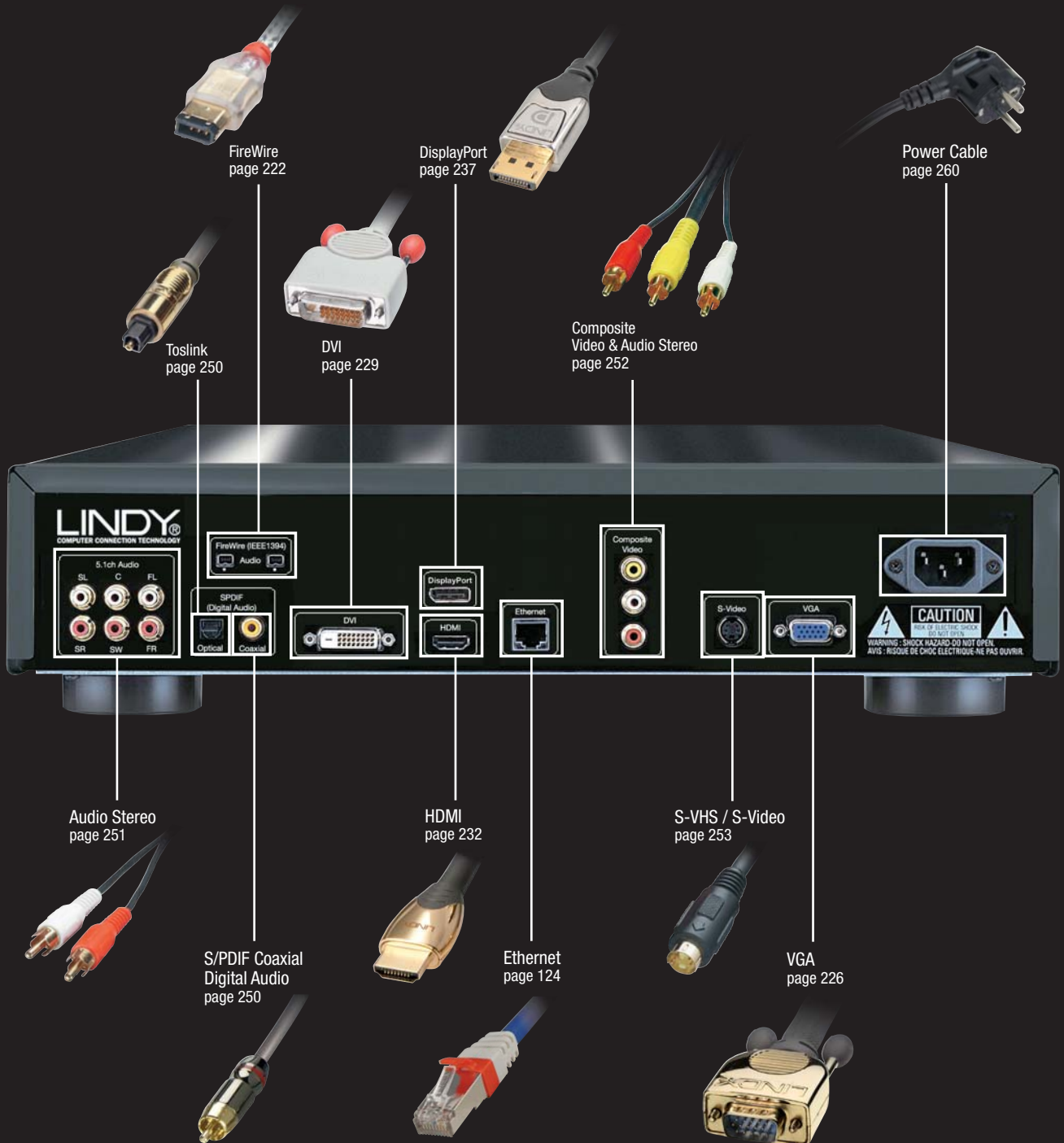
HDMI Splitter Full HD 1080p 2 Port

2 Port

- HDMI 1.4 and 3D compatible
- Excellent price / performance
- Supports HDTV up to Full HD 1080p & 4K30

38 157

HDMI 4K UHD Splitter 3D, 2160p30

2 Port

- HDMI 1.4 and 3D compatible
- Supported resolutions: Full HD 1080p and up to 4K or 4096x2160p24Hz/3840x2160p30Hz
- HDMI 1.4 4K chipset, HDCP 1.4 compatible

38 057

4 Port

- HDMI 1.4 and 3D compatible
- Supported resolutions: Full HD 1080p and up to
- 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 4K chipset, HDCP 1.4 compatible

38 058

16 Port

- HDMI 1.4 and 3D compatible
- Supports HDTV resolution up to 4K or 4096x2160p24Hz / 3840x2160p30Hz
- HDMI 1.4 compatible
- Advanced audio support up to DTS-HD Master Audio

38 062

HDMI 2.0 4K UHD Splitter 2160p60 HDCP 2.2

front & back

2 Port

- HDMI 2.0, HDCP 2.2 and 3D compatible
- Bandwidth up to 10.2GBit/s
- Resolutions up to 4K2K@60Hz or 4096/3840 x 2160
- 4K@24/30Hz with 24bit RGB, YCbCr 4:4:4
- 4K@50/60Hz with 12bit RGB, YCbCr 4:2:0

38 220

front & back

4 Port

- HDMI 2.0, HDCP 2.2 and 3D compatible
- Bandwidth up to 10.2GBit/s
- Resolutions up to 4K2K@60Hz or 4096/3840 x 2160
- 4K@24/30Hz with 24bit RGB, YCbCr 4:4:4
- 4K@50/60Hz with 12bit RGB, YCbCr 4:2:0

38 221

front & back

8 Port

- HDMI 2.0, HDCP 2.2 and 3D compatible
- Bandwidth up to 10.2GBit/s
- Resolutions up to 4K2K@60Hz or 4096/3840 x 2160
- 4K@24/30Hz with 24bit RGB, YCbCr 4:4:4
- 4K@50/60Hz with 12bit RGB, YCbCr 4:2:0

38 222

HDMI 2.0 4K UHD Splitter Premium 2160p60 HDCP 2.2 - 18GBit/s, For the highest resolutions

2 Port

- HDMI 2.0 Full Spec., HDCP 2.2 and 3D compatible
- Bandwidth up to 18GBit/s, supports HDR10
- Resolutions up to 4K2K@60Hz or 4096/3840 x 2160
- 4K@24/30Hz with 24bit RGB, YCbCr 4:4:4
- 4K@50/60Hz with 24bit RGB, YCbCr 4:4:4

38 240

4 Port

- HDMI 2.0 Full Spec., HDCP 2.2 and 3D compatible
- Bandwidth up to 18GBit/s, supports HDR10
- Resolutions up to 4K2K@60Hz or 4096/3840 x 2160
- 4K@24/30Hz with 24bit RGB, YCbCr 4:4:4
- 4K@50/60Hz with 24bit RGB, YCbCr 4:4:4

38 241

8 Port

- HDMI 2.0 Full Spec., HDCP 2.2 and 3D compatible
- Bandwidth up to 18GBit/s, supports HDR10
- Resolutions up to 4K2K@60Hz or 4096/3840 x 2160
- 4K@24/30Hz with 24bit RGB, YCbCr 4:4:4
- 4K@50/60Hz with 24bit RGB, YCbCr 4:4:4

38 242

AUDIO & VIDEO

→ details at www.LINDY.com

Compact HDMI Switch with Remote

Compact HDMI Switch Remote - 3 Port

- Switch between HDMI sources via remote or button on the unit
- Infrared remote control for easy switching
- HDMI 1.4 up to 4K30Hz

38 034

Compact HDMI Switch Remote - 5 Port

- Switch between HDMI sources via remote or button on the unit
- Infrared remote control for easy switching
- HDMI 1.4 up to 4K30Hz

38 035

HDMI Switch

front & back

Compact HDMI Switch 2 port 4K Bidirectional - 2:1 or 1:2

- Supports HDMI Full HD 1080p & 3D or 4K UHDup to 3840x2160p30Hz
- HDMI 1.4, HDCP, ARC, CEC and DVI compatible
- Switch between two sources or two displays

38 036

HDMI 4K UHD 4:1 switch with PiP function

HDMI 4K UHD 4:1 switch with PiP function

- Supports 4K UHD resolutions up to 4096x2160p30Hz, 1080p120Hz and 3D according to HDMI 1.4 specs
- PiP - picture-in-picture function

38 151

HDMI 2.0 4K UHD Switch with HDCP 2.2

HDMI 2.0 4K UHD 3:1 Switch with HDCP 2.2

- Supports 4K UHD resolutions up to 4096x2160@60Hz, 2160p60 and 3D
- HDMI 2.0 and HDCP 2.2 compatible

38 223

HDMI 2.0 4K UHD 5:1 Switch with HDCP 2.2

- Supports 4K UHD resolutions up to 4096x2160@60Hz, 2160p60 and 3D
- HDMI 2.0 and HDCP 2.2 compatible

38 224

HDMI 4K UHD 4x2 Matrix Switch 3D

- Supports 4K UHD resolutions up to 4096x2160p30Hz,
  Full HD 1080p120Hz and 3D according to HDMI 1.4 specs
- Supports HDCP 1.4
- Switching via remote control and buttons on the unit

38 049

HDMI 4K UHD 6x2 Matrix Switch Professional with PiP and ARC

NEW

- Supports 4K UHD resolutions up to 4096 x 2160@60Hz (4: 2: 0),
  2160p30 (4: 4: 4), 1080p120 and 3D
- PiP - picture-in-picture display for easy switching
- Output A supports HDMI ARC, audio return channel function
- Audio outputs: 3.5mm stereo and Toslink

38 148

HDMI 4K UHD 4x4 Matrix Switch Professional

- Switch between 4 HDMI inputs to any of the 4 HDMI outputs
- Supports resolutions up to 4K UHD 2160p30Hz
- Switching via remote control and buttons on the unit and via RS232
- HDMI 1.4, HDCP 1.4 and DVI compatible

38 152

HDMI 4K UHD 8x8 Matrix Switch Professional

NEW

Image similar

- Supports 4K UHD resolutions up to 4096 x 2160@60Hz (4: 2: 0),
  2160p30 (4: 4: 4), 1080p120 and 3D
- Allows up to 8 HDMI/DVI signal sources connected up to 8 HDMI/DVI
  monitors or projectors
- Switch by remote control, buttons on the device and remote RS232 or
  IP connection, switching software is included

38 153

... latest products at LINDY.com

AUDIO & VIDEO

VIDEO WALL MATRIX
1 SWITCH - 3 SOLUTIONS

A video wall fitted with HDMI panels needs a flexible and reliable solution for diverse applications. It should be possible to control multiple inputs from different source devices which switch them according to the needed requirement. The outputs need to support functions such as video wall, video matrix or dual-mode (output two input signals on a display via split-screen) with simple installation and intuitive management control.

The LINDY HDMI 2x2 Video Wall Matrix Controller provides optimal convenience for bringing together different HDMI sources and output-ting to three different modes: Video wall, Matrix or Dual. In these modes, 4 HDMI inputs can be switched to 4 HDMI outputs. It can be controlled with the supplied remote control, the front control panel, or the (supplied) controller software via RS-232 or Ethernet. The ideal, fexible solution for digital signage applications, restaurants, schools and colleges, monitoring environments or TV/radio broadcasting buildings.

OUTPUT A
OUTPUT B
OUTPUT C
OUTPUT D

INPUT 01
INPUT 02
INPUT 03
INPUT 03
INPUT 03

max.100 m

max. 5 m

1
HDMI Video Wall Matrix
with integrated scaler
→ **page 34,** 38131

2
HDMI Cable
length: 0.3–30 m
→ starting **page 232**

HDMI 2x2 Video Wall Matrix Controller 4 Port

LEARN MORE → 32

- 4x4 HDMI Matrix Switch or 2x2 scaler mode
- Video wall – scales one HDMI input to 2x2 video walls
- Matrix – independently between all 4 in and outputs

38131

HDMI 2x2 Video Wall Controller 1 Port Full HD 1080p

- 2x2 Video Wall Scaler Full HD 1080p
- Scales an HDMI signal to a 2x2 video wall

38134

Quad HDMI PIP Scaler - Combines 4 HDMI signals

- Configurable HDMI 4 in 1 Video processor with quadrant or PiP function and Chromakey Green Boxing
- Combines 4 HDMI signals to one, output in 1080p
- Freely configurable: quadrant display, picture-in-picture (PiP), overlay Green Boxing (Chroma) changeable window sizes/positions
- Seamless switching

38130

HDMI 2x2 Video Wall Controller 1 Port 4K UHD

4K ULTRA HD

- 2x2 Video Wall Scaler 4K UHD, HDMI 1.4
- Scales HDMI 4K UHD signals to a 2x2 video wall with 1080p display

38135

... latest products at LINDY.com

LINDY

Modular AV Matrix 4K Digital

Modules are not included

8x8 Port Modular HDMI, DVI, VGA, C6 HDBaseT Matrix

- Allows you to create a matrix with up to 8 input and 8 output ports
- Convert and matrix switch up to 4K signals
- Control via front panel, remote, display or via web GUI / IP

38 252

16x16 Port Modular HDMI, DVI, VGA, C6 HDBaseT Matrix

- Allows you to create a matrix with up to 16 input and 16 output ports
- Convert and matrix switch up to 4K signals
- Control via front panel, remote, display or via web GUI / IP

38 251

32x32 Port Modular HDMI, DVI, VGA, C6 HDBaseT Matrix

- Allows you to create a matrix with up to 32 input and 32 output ports
- Convert and matrix switch up to 4K signals
- Control via front panel, remote, display or via web GUI / IP

38 250

Input Modular Boards
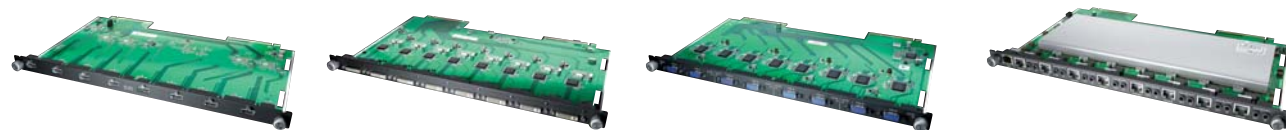
8 Inputs HDMI 4K UHD

- HDMI 1.4 compatible, 2160p30

38 253

8 Inputs DVI-D Single Link

- DVI-D Single Link up to 1920x1200

38 255

8 Inputs VGA and Audio

- VGA up to 1920x1200
- 3.5mm stereo inputs

38 257

8 C6-100m Inputs HDBaseT

- HDBaseT up to 4K30 with support for PoH and Ethernet

38 258

Output Modular Boards

8 Outputs HDMI 4K UHD

- HDMI 1.4 compatible, 2160p30

38 254

8 Outputs DVI-D Single Link

- DVI-D Single Link up to 1920x1200

38 256

8 C6-100m Outputs HDBaseT

- HDBaseT up to 4K30 with support for PoH, RS232 and Ethernet

38 259

HDBASET STAND-ALONE TRANSMITTER AND RECEIVER ON PAGE 54

... latest products at LINDY.com

AUDIO & VIDEO

INPUT01
INPUT02
OUTPUTLOCAL

2

LINDY

1

Wireless Extender for HDMI - Transmitter

max.**10** m

1
WHDI Extender for HDMI
Transmitter & Receiver
➔ **page 48,** 38125

- -

2
HDMI Cable
length: 0.3–30 m
➔ starting **page 232**

- -

WIRELESS HDMI
THE CABLE FREE
ALTERNATIVE

In conference rooms and home cinemas, a cable connection between HDMI signal sources and a projector or display can be problematic or simply not desirable. In such cases the cable-free connections provided by the LINDY WHDI HDMI Extender is the ideal solution for lag-free video transmission without any loss of quality. If a target device - a projector, monitor or TV - is far away from the source device (computer, notebook, DVD player or games console), and it is not possible to run long lengths of cable, it is preferable to opt for a cable free alternative. In particular when transmitting high-resolution video lag-free and without loss of quality in environments such as home cinemas or conference rooms where a visually appealing environment matters.

The innovative LINDY WHDI HDMI Extender offers a real alternative. The Extender sends signals in the 5GHz frequency range - similar to a WiFi router - achieving data transmission speeds of around 3GBit/s. WHDI data transmission is not like a conventional network connection. All data are transmitted across 5 channels in parallel. This leads to an increase in the image transmission quality compared with other radio trans-missions. For video and audio, the WHDI Extender is easily able to transmit 1080p up to 60Hz without compression artifacts. With its HDMI 1.4 support, it can also transmit all 3D signals and Dolby Digital. The WHDI Extender can support a maxmum distance of between 20 and 30 meters. For maximum lengths direct visible contact between transmitter and receiver is re-quired. To ensure continuous transmission when transmitting signals to a neighbouring room through a wall or ceiling, typical maximum distances of 15 meters are supported. No configuration or complex settings are needed to install the WHDI Extender, simply plug and play to start viewing.

OUTPUT 01

HDMI 4K Audio Extractor with HDMI Bypass

front & back

- Supports HDMI up to 4K
- HDMI input and output (bypass)
- Optical S/PDIF and analog RCA audio output

38 097

HDMI 4K Audio Extractor TosLink with HDMI Bypass

front & back

- Supports HDMI up to 4K30
- HDMI input and output (pass through)
- Optical S/PDIF TosLink output

38 068

HDMI 2.0 Audio Extractor with HDMI Bypass & ARC

NEW

- Supports HDMI 2.0 & HDCP 2.2
- HDMI input and output (bypass)
- Optical S/PDIF and analog 3.5mm audio stereo output
- Supports ARC

38 168

Lip Sync Box

- Corrects the common issue caused by analog audio signals being faster than digital video and audio
- Adjustable audio delay from 0 – 300ms (8 settings)
- In & output ports: analog stereo

70 449

HDMI M/F Power Injector Adaper with USB Type A

- Injects an additional 5V power into an HDMI cable connection

41 080

HDMI 1.4 Surge Protector

front & back

- Supports HDMI up to 4K30
- Against anti-static discharge, lightning surge and electrical transient bursts

73 312

HDMI 480-1080p Upscaler Adapter 1080p-4K60 HDMI 2.0

- Supports HDMI outputs up to 4K with 60Hz
- VRS® ClearView Technology

38 069

LINDY

Wireless WHDI Extender for HDMI Signals

LEARN MORE →36

- Wireless transmission over distances of up to 30m
- Transmitter with 2 HDMI inputs, remote control switchable
- WHDI 5GHz technology, even through walls
- Supports HDTV resolutions up to Full HD 1080p and 3D
- Built-in IR sensor for remote control of the signal source

38 125

8 Port Upscaling AV Conversion Switch

NEW

- Converts and scales 8 AV input signals
  up to Full HD 1080p
- 3x HDMI + optional analog audio inputs
- 3x VGA + analog audio inputs
- 1x Component video inputs + analog audio input
- Supports simultaneous output via VGA and 2x HDMI
- Supports simultaneous audio output over analog 3.5mm
  and digital Coax audio
- Configuration and operation via buttons on the device, IR remote
  control, OSD, Web GUI via Ethernet, RS-232 and Telnet

38 273

AV to HDMI Presentation Switch

- 4 different AV inputs – 1 HDMI output
- Switches automatically and scales 5 input signals to 1080p:
  HDMI (DVI), Mini-DP, VGA or Composite Video & Stereo
- Stand-alone metal housing with table mountable brackets

38 270

Conference Table Box AV to HDMI Presentation Switch

LEARN MORE →40

- 4 different AV inputs – 1 HDMI output
- Switches automatically and scales 5 input signals to 1080p:
  HDMI (DVI), Mini-DP, VGA or Composite Video & Stereo
- Allows recessed installation with cover

38 271

AUDIO & VIDEO

CONFERENCE ROOMS
EFFECTIVE MANAGEMENT

Nowadays, meetings and conferences are unthinkable without notebooks or other mobile devices. Everyone has something to contribute and needs access to video projectors, large image displays or the electronic whiteboards. The requirements for such applications are in most cases due restricting office space situation. Depending on the number of data sources or output devices to be integrated, the visualization of content with increasingly higher-resolution AV signals can become a major challenge.

LINDY offers powerful and complete AV and KVM connectivity solutions. If the environment needs to be equipped with state-of-the-art conference technology or if already existing installations have to be retrofitted, Lindy has it. LINDY connectivity solutions bring high-definition content to conference rooms. For targeted presentations and efficient collaboration, the connectivity solutions can be easily controlled by the conference manager - with any device and in any room of any size.

1
Conference Table Box
HDMI Presentation Switch
→ **page 39,** 38 271

2
Compact HDMI Switch
5:1 Remote
→ **page 30,** 38 035

3
HDMI & IR Cat.6 Extender
1080p 3D
→ **page 48,** 38 009

4
8 Port Desktop Switch
10/100/1000 GIGABIT
→ **page 114,** 25 045

5
HDMI Cable
length: 0.3–30 m
→ starting **page 232**

6
Cat.5/6/7 Cable
length: 0.3–100 m
→ starting **page 124**

DisplayPort Extender over Fiber 200m MPO

LEARN MORE →26

Transmitter
front & back

Receiver
front & back

- Supports DisplayPort 1.2 singals up to 4K@60Hz with DPCP and HDCP 1.4
- Uncompressed transmission, 1:1 in full bandwidth
- Connect via standard MPO multi-mode cable up to 200m

	38403

DisplayPort 1.2 DP++ Extender / Repeater, 40m

LEARN MORE →26

- Supports DisplayPort resolutions up to 1600p or 2560 x 1600 and cable lengths up to 20m, input and output
- Supports DisplayPort resolutions up to 4K60Hz and cable lengths up to 5m, input and output
- DisplayPort 1.2a, Dual Mode DP++ compatible

	38413

DisplayPort 1.2 Extender / Repeater 17.5m

- Supports DisplayPort 1.2 resolutions up to 4K@60Hz, HBR 2
- Cable lengths up to 10m (input) and 7.5m (output) at 4K60
- Use LINDY 38413 when working with resolutions at 4K30 or lower
- Dual Mode DP++ is not supported, not for DP to HDMI/DVI/VGA adapters

	38412

Mini DisplayPort to Dual Port, active

41732

41731

Mini DP to 2x DVI Adapter	41731
Mini DP to 2x HDMI	41732

DisplayPort Splitter

38404

38402

- Supports cable lengths up to 10m at the input and output
- 38404: DisplayPort 1.1a, DPCP and HDCP 1.3 compatible, resolutions up to 2560x1600@60 Hz, Full HD 1080p, 4K@30Hz
- 38402: DisplayPort 1.2a, DP++ and HDCP 1.4 compatible, resolutions up 4K@60Hz, Full HD 1080p up to 240 Hz

1:2 DP 1.2 with MST function	38402
1:4 DP 1.1a	38404

4K DisplayPort 1.2 to 4x HDMI Video Wall Processor

- High Performance DisplayPort 1.2 Video processor with multiple output options such as 2x2 video wall, duplication, extended desktop, and expander/Eyefinity function
- Converts a 4K DisplayPort signal with 3840x2160 to a 2x2 HDMI video wall signal with 4x Full HD 1080p

	38418

DisplayPort/mDP to 2x HDMI Expander Splitter/MST Hub

- Expander View Technology outputs via a single DP source an extended desktop to two HDMI outputs
- Supports HDMI up to 1920x1200p60 per connected monitor

	38409

LINDY

Premium DisplayPort Switch 2 Port, electronic

NEW

- DisplayPort switch with remote
- Supports resolutions up to 4K@60Hz (4:4:4 & 4:2:0)
- Supports DP++ standard (Dual Mode DP)

38 420

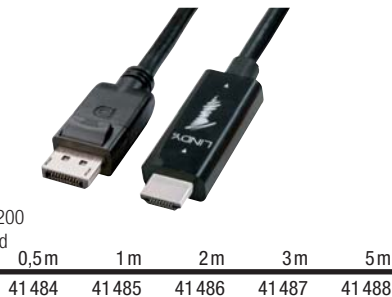## DisplayPort Switch 2 Port, manual

- Supports HDTV resolutions up to 4K@60Hz
- Cable length up to 5m in/2m out at 4K60 or 15m in/out at 4K30
- DisplayPort 1.2 und Dual Mode DP++ compatible

38 411

HDMI to DisplayPort Converter

- Converts HDMI to DP
- Supports HDMI up to 4K (3840x2160p30) or DVI 1920x1200
- 2560 x 1600/1440 not supported

0,5 m	1 m	2 m	3 m	5 m
41 484	41 485	41 486	41 487	41 488

DisplayPort 1.1 Switch 2 Port, electronic

- Supports HDTV resolutiuons up to 2560x1600@60Hz and 4K@30Hz, DP 1.1
- Dual Mode DP++ compatible, supports adapters to HDMI/DVI/VGA
- Includes IR remote

Li Battery

38 410

Thunderbolt Cable

41 710–41 713   41 555–41 557

NEW

- **TB2:** Male/Male (20 pin, Mini-DP) -up to 20Gbps
- **TB3:** Male/Male (24pin, USB Type-C) -up to 40Gbps

	0.5 m	1 m	2 m	3 m
Thunderbold 2 Cable		41 710	41 711	41 712	41 713
Thunderbold 3 Cable	**NEW**	41 555	41 556	41 557	–

USB 3.0 4K DisplayPort Adapter

- Supports 4K resolutions up to 3840x2160@30Hz
- Supports audio transfer via DisplayPort
- DisplayLink Technology

For more USB display adapters with HDMI, DVI and VGA ports, please go the USB chapter or visit us online.

43 174

Mini DisplayPort & DisplayPort Adapter 4K

41 035

41 039

NEW

4K ULTRA HD

LEARN MORE →208

41 070

Mini DP to HDMI 4K30 / DVI / VGA		41 035
Mini DP to DP 4K60 / HDMI 4K30 / DVI		41 039
Mini DP to HDMI 4K & VGA, active	**NEW**	41 070

Mini DisplayPort & DisplayPort Adapter

NEW

41 028

41 038

DP & Mini DP to DVI Dual Link female		41 038
DP to HDMI 4K30 / DVI / VGA	**NEW**	41 028

AUDIO & VIDEO

HDMI to DisplayPort Converter

38146

38147

NEW

- Converts to DP
- Supports HDMI up to 4K (3840 x 2160p30) or DVI up to 1920 x 12000
- Not for 2560 x 1600/1440

Powered via HDMI port	38146
Powered via USB port	38147

DVI-D to DisplayPort Converter (Unidirectional)

NEW

- Converts DVI-D to DP
- Supports DVI up to 1920 x 1200

	38145

Short DisplayPort Adapter Cable

LEARN MORE →88

41013

41004

41005

DisplayPort male / DVI female	41004
DisplayPort male / HDMI female	41005
Mini DP male / DVI-D female	41013
Mini DP male / HDMI female	41014

Eyefinity/Surround/Collage Adapter Cable, active

41015

41733 **NEW**

41069 **NEW**

41734 **NEW**

LEARN MORE →208

41006

Mini DP male / DVI-D female	NEW	41733
Mini DP male / HDMI female	NEW	41069
Mini DP male / VGA female		41015
DisplayPort male / DVI-D female	NEW	41734
DisplayPort male / VGA female		41006

Short DisplayPort Adapter Cable 4K

NEW 41069

41068 **NEW**

41718

41719

4K ULTRA HD

Mini DP 1.2 to HDMI 4K, active	NEW	41068
DP to HDMI 4K, active	NEW	41069
DP 1.2 to HDMI 4K 30Hz, passive		41718
Mini DP 1.2 to HDMI 4K 30Hz, passive		41719

Mini DisplayPort / DisplayPort Adapter

41022

41060

41020

41089 front & rear

DisplayPort Double Coupler	41020
Mini DP male / DP female	41022
DP male / Mini DP female	41060
DP male / Mini DP female	41089

... latest products at LINDY.com

LINDY

> ## LINDY HAS A WIDE RANGE OF AV EXTENDERS FOR INDIVIDUAL SIGNAL TYPES AS WELL AS FOR KVM SIGNALS

CABLE FOR DIGITAL VIDEO SIGNALS (HDMI, DVI, DP)

are able to send in the highest quality, but only up to 20m. Starting with 20m, a signal repeater can be used. This does not affect the signal quality in any way. Such devices allow you to achieve up to 60m optimal video quality and compatibility. HDMI cables such as 41054 (25m) with integrated extender chip are such devices, but transmit the signal in only one direction!

WHDI EXTENDER – HDMI VIA "WIFI"

WHDI extenders transmit HDMI signals wirelessly. Using a MIMO 5GHz radio, the WHDI Wireless Extender provides full support for Full HD 1080p, HDCP, multi-channel audio and IR remote control. Full HD 1080p signals are extended up to 30m, without compression or latency, just as if you were using a cable!

1 m $\longrightarrow$ 30 m

EXTENDER SYSTEMS WITH CAT.5/6 TECHNOLOGY

can bridge distances of up to 200m, but always convert the original signal and have to emulate EDID for proper display. This is a disadvantage in terms of compatibility and image quality, but is often the best solution in terms of cost.

20 m $\longrightarrow$ 200 m

EXTENDER SYSTEMS WITH HDBASET TECHNOLOGY

sends HDMI signals up to 1000m, uncompressed and without quality loss. Cascadable, but cost more than your typical Cat.5/6 Extenders.

20 m $\longrightarrow$ 100 m

FIBER OPTIC EXTENDER

For distances up to hundreds and even thousands of meters, Fiber Optic Extenders are the only alternative. Most systems sold by LINDY transmit the video signals uncompressed, in original full bandwidth and unchanged image quality. Digital HDCP/DPCP content protection restricts these extenders to 1000m

20 m $\longrightarrow$ 5000 m

EXTENDER OVER IP – DIGITAL SIGNAGE

Gigabit Extender over IP is not range limited, but in most cases use an adaptive compression technology. A high bandwidth connection results to quite an impressive picture quality, this is due to the adaptive compression being used. Image content that have fast movements or have dynamic content are compressed differently than static desktops.

HDMI Extender / Repeater

41230

38015

- Supports HDCP video signals
- Supports all HDTV resolutions up to 1080p, DVI-D up to 1920x1200
- Supports cable length up to 30m (input) + 20m (output) at 1080p and 20m (input) + 15m (output) at 4K30
- Not cascadable

HDMI Extender	38015
HDMI Coupler	41230

HDMI Active Cable, 10m to 30m

HDMI Type A male / male
- Active cable with integrated amplifiers

41052–41055

41345 & 41346

Source   Monitor

Source   Monitor

	10m	15m	20m	25m	30m
HDMI 1.4 Active cable 1080p/4K30	–	41052	41053	41054	41055
HDMI 2.0 Active cable 4K60	41345	41346	–	–	–

SUPER LONG DISTANCE
HDMI CABLE UP TO 20M, PAGE 232

AUDIO & VIDEO

HDMI OVER IP
MAXIMUM DISTANCES

Modern video signal transmission are putting ever greater demands on transmission technology. Often there is the need to distribute signals and content for digital display in unicast or multicast applications to one or more displays. A cost-efficient solution is needed to transmit A/V signals to multiple locations with exceptional image reproduction. These kinds of extender and signal products should be IP-based in order to be able to make use of existing network structures.

The IP-based HDMI transmission systems from LINDY can be used to distribute A/V signals in Full HD quality to displays placed in various locations whether these be flat screens, projectors or mobile devices. One receiver is needed for each display. The products are configured over the network in a simple, uncomplicated way. In contrast to digital signage solutions with media players on each individual display, these systems offer low system costs as well as the advantage of simultaneous, real-time transmission of content on all display devices.

OUTPUT 02

OUTPUT 03

ETHERNET**SWITCH**

ETHERNET**SWITCH**

Transmitter

Transmitter

HDMI Extender

HDMI Extender

LINDY®

LINDY®

DC 5V   Reset   IR OUT

DC 5V   Reset   IR OUT

INPUT 02

INPUT 03
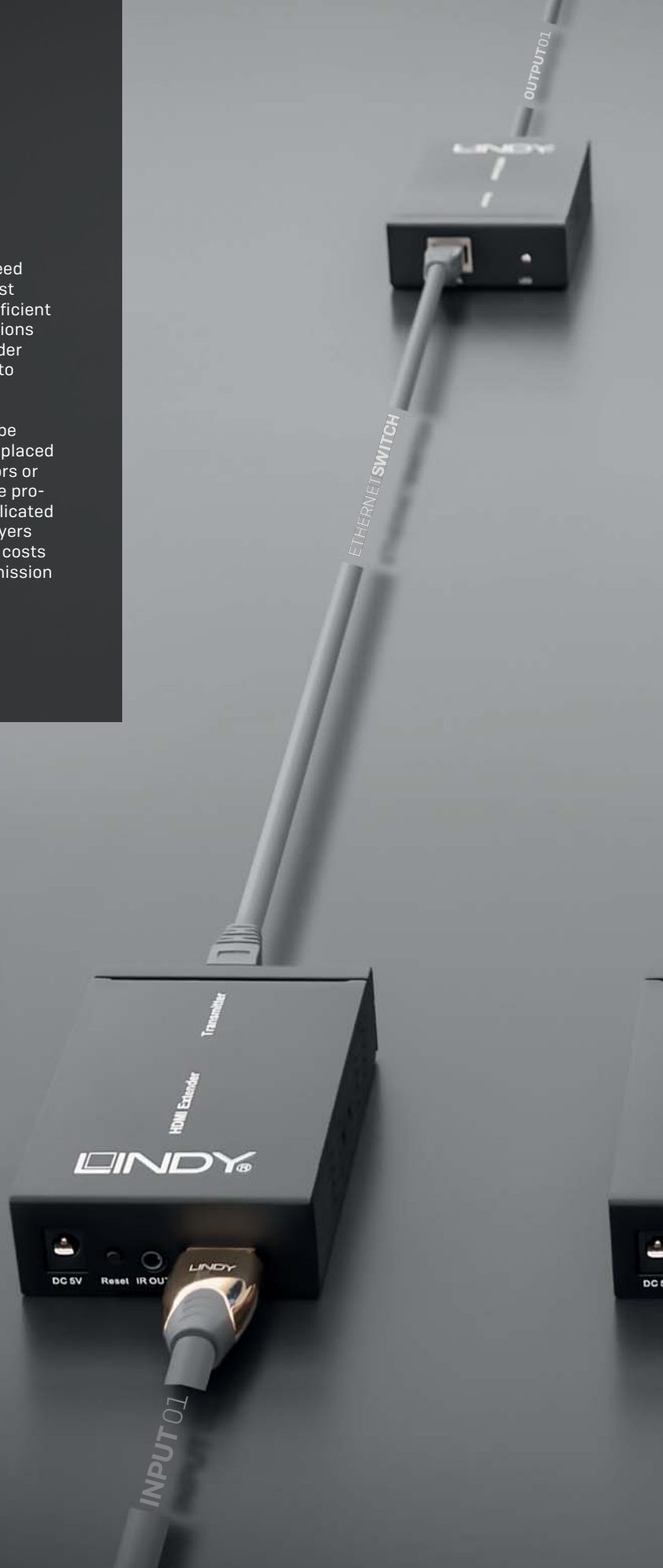
1
HDMI over IP Extender
Full HD 1080p
→ **page 49,** 38 126

2
HDMI Cable
length: 0.3–30 m
→ starting **page 232**

3
Cat.5/6/7 Cable
length: 0.3–100 m
→ starting **page 124**

Wireless WHDI Extender for HDMI Signals

LEARN MORE → 36

Extender solution for wireless HDMI transmission - perfect for high resolution graphics display with absolutely smooth video playback!
- WHDI 5GHz technology over distances of up to 30m, even through walls
- Supports Full HD 1080p and 3D, HDCP
- Built-in IR sensor for remote control of the signal source
- Transmitter with 2 HDMI inputs, remote control switchable

38125

HDMI 4x4 Matrix with Cat.6 Extender Receivers

Matrix Transmitter
front & back

Receiver
front & back

- 4 HDMI inputs – 4 outputs independently switchable
- Each output runs parallel as HDMI & Extender
- 4 Extender Receiver units for 50m included
- HDMI 1.4, up to 4K30 & 3D

38143

HDMI & IR Cat.6 Extender 50m

NEW

Transmitter
front & back

Receiver
front & back

- HDMI Bypass Port on the transmitter
- Transmits 1080p & 3D & IR remote control signals
- Connect via high quality Cat.6 S/FTP cable up to 50m

38144

HDMI & IR Cat.6 Extender Premium 80m

LEARN MORE → 40

Transmitter
front & back

Receiver
front & back

- Transmits 1080p and 3D up to 80m, with Cat.7 installation cable, up to 100m
- Transmits IR remote control signals bidirectionally
- Connect via high quality Cat.6 S/FTP or UTP cable up to 80m

38009

HDMI Cat.6 Extender

HDMI Cat.6 Extender Classic 30m

- Full HD 1080p & 3D
- HDMI 1.2 and HDCP compatible
- Via two inexpensive, shielded Cat.6 RJ45 cable
- Requires power via HDMI

38024

HDMI & IR Cat.6 Extender Pro 40m

Transmitter
front & back

LEARN MORE → 24

Receiver
front & back

- Transmits 1080p & IR remote control signals
- Connection of high quality Cat.6 S/FTP cable up to 40m

38002

HDMI Cat.6 Extender System Classic

- Transmits 1080p up to 40 meters over Cat.5/6 cable
- Supports 3D and increased color depth up to 30m

1 Port Transmitter 40m	8 Port Splitter/Transmitter 40m	1 Port Receiver 40m	1 Port Repeater 40m
front & back	front & back	front & back	front & back
- HDMI input, up to 15m cable length - Cat.5/6 output	- HDMI input, up to 15m cable length - 8x Cat.5/6 output	- Cat.5/6 input - HDMI output (up to 15m cable length)	- Cat.5/6/7 input und HDMI input, switchable, 1x Cat.5/6 output
38110	38111	38112	38109

LINDY

HDMI & IR Cat.6 Extender 120m

LEARN MORE →46

Transmitter front & back

Receiver front & back

- Transmits and distributes HDMI signals via Ethernet network - also via switches etc.
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- Supports 1:1 connection and 1:n
- Connection via Fast Ethernet up to 3 levels or via dedicated Cat.6 cable up to 120m
- Uses IP address and broadcast protocols
- Supports IR remote control signals

Transmitter & Receiver	38126
Additional Receiver	38129

HDMI over IP Extender & Distribution System Classic

LEARN MORE →50

Transmitter front & back

Receiver front & back

- Transmits and distributes HDMI signals via Ethernet network - also via switches etc.
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- Supports 1:1 connection and 1:n
- Connection via Fast Ethernet up to 3 levels or via dedicated Cat.6 cable up to 120m
- Uses UPnP protocol
- Supports IR remote control signals

Transmitter & Receiver	38137
Additional Receiver	38138

HDMI DAISY CHAIN Cat.6 Extender

Transmitter front & back

Receiver front & back

- Ideal for distributing advertising displays in shopping centers, train stations and in public places
- Transmits HDMI signals via direct Cat.6 cabling
- Does not need additional network switches
- Each receiver has a 2 port repeater integrated (chainable)
- Cascadable up to 31 levels
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- A receiver is required for each monitor

Transmitter	38140
Receiver with 2 Port Repeater	38141

HDMI over IP Video Wall Extender

Transmitter 38132

Receiver 38133

- Transmits and distributes HDMI signals via Ethernet network - also via switches etc.
- HDMI Full HD 1080p and HDCP compatible (not 3D)
- Can split HDMI signals to several monitors
- Supports video wall up to 8x8 monitors
- Compensates frame width of monitors
- A receiver is required for each monitor
- Configuration and control via Ethernet

Transmitter	38132
Receiver	38133

HDMI & KVM over Gigabit Extender

38066 Transmitter   38067 Receiver

- HDMI via Gigabit Ethernet with KVM support
- HDMI Full HD 1080p via Ethernet
- Both for high resolution graphics as well as for smooth video playback
- Supports 1:1 and 1:n configurations
- Supports transmission of HDMI, USB HID, RS232 and IR signals
- USB support for asynchronous devices such as USB mouse, keyboard, touch screen, not for USB mass storage, memory sticks, webcams or printers
- Transmission over Gigabit or over a dedicated Cat.6 cable

Transmitter	38066
Receiver	38067

→ **details at www.LINDY.com**

AUDIO & VIDEO

HDMI OVER IP
COST-EFFICIENT SOLUTIONS

HD video and audio content is sent over broad distances to a large number of displays in a network, in broadcast or multicast applications. Such installations must be able to be integrated quickly and efficiently to avoid expensive dedicated connections between the source and target device.

The new HDMI over Ethernet extenders are designed by LINDY to meet these requirements. The cost-efficient broadcast solution allows an HDMI signal transmission with HDCP support in full 1080p. It works both in the so-called one-to-one and one-to-many configurations. If only one receiver is used with a transmitter, the solution will function as a pure extender in one-to-one mode. With this solution in this basic point-to-point connection, distances of up to 100m between source and target device can be bridged with a Cat. 5e/6/7 cable. If you connect transmitters and receivers via one or more network switches, initially larger distances can be implemented as the bridgeable distance increases by an additional 100m with each network segment. Secondly, additional receivers can also be integrated into the system via switches. This automatically results in a one-to-many application.
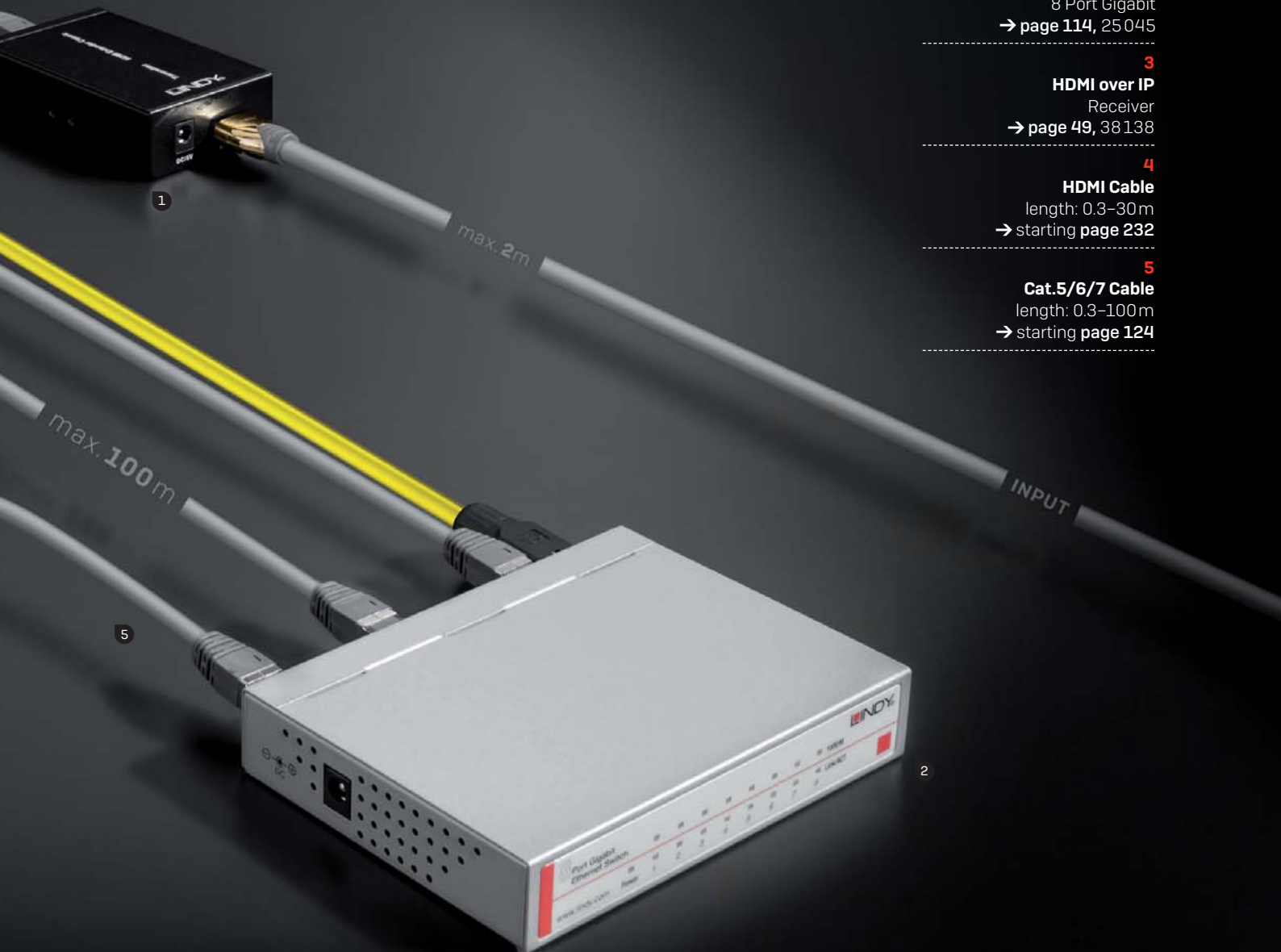
max. **2** m

max. **100** m

INPUT

HDMI VIA HDBaseT
100 METER VIA CAT. 6

As modern source devices deliver image signals with maximum quality and color depth, it would be hard to imagine that digital signage applications do not use this high definition quality. The distribution of these signals needs to meet more and more varied requirements for distance and bandwidth. What if you wish to distribute these digital signals and content to multiple displays over large as possible distances? HDBaseT is a transmission standard that makes such professional, high-resolution and high-performance solutions possible.

LINDY's HDBaseT technology based solution meets these requirements to perfection. They can split an HDMI signal over 1:1 or 4/8 displays (HDMI 1:4 or 1:8 splitter). Using an easy to install network cable and an HDBaseT receiver, these signals can be sent to multiple displays each at a distance of up to 100m. This splitter/extender solution supports 4K30 and Full HD resolutions and is also able to send 3D signals. Infrared remote control signals and LAN signals are also supported, e.g., to control connected systems remotely. LINDY's HDBaseT devices are compatible with HDBaseT projectors and devices made by all popular manufacturers.

1

HDMI HDBaseT Extender
with 4 Port Splitter
→ **page 54,** 38 116
with 8 Port Splitter
→ **page 54,** 38 117

2

HDMI BaseT RECEIVER
HDMI UHD 4K2K@60Hz
→ **page 54,** 38 118

3

IPOWER CONTROL
with Sensors
→ **page 110,** 32 672

max. **5m**

max. **100 m**

HDMI Extender
C6 100m

Receiver

Modular 100m C6 HDMI 4K Extender System

- Transmits high resolution HDMI signals over distances up to 100m
- Supports 4K Full HD 1080p, 3D, and increased color depth to 48bit
- Connection via dedicated Cat.5/6 cable – **Not for Ethernet network**
- Additionally transmits IR remote control signals and Ethernet

LEARN MORE →52

LEARN MORE →52

4 Port HDMI C6 Splitter/Transmitter for HDBaseT

- Input: 1 HDMI, 2x RJ45 Ethernet
- Output: 4x or 8x HDBaseT RJ45, 1x IR

38116

8 Port HDMI C6 Splitter/Transmitter for HDBaseT

- Input: 1 HDMI, 2x RJ45 Ethernet
- Output: 4x or 8x HDBaseT RJ45, 1x IR

38117

front & back

LEARN MORE →24

Transmitter front & back   Receiver front & back

LEARN MORE →52

front & back

1 Port Transmitter C6 100m for HDBaseT Signal

- Input: 1x HDMI, 2x RJ45 Ethernet
- Output: 1x HDBaseT RJ45, 1x IR out

38019

HDMI Extender Set C6 100m (TX & RX)

- Supports high resolution HDMI signals over distances up to 100m
- Supports 4K, Full HD 1080p, 3D and color depth 36/12 Bit
- Also transmits IR remote signals and Ethernet

38119

1 Port Receiver C6 100m for HDBaseT

- 1x HDBaseT RJ45 input, 1x IR in
- Output: 1x HDMI, 2x Ethernet RJ45

38118

70m C6 HDBaseT Wall Outlet Receiver

- For wall socket installation (60524, page 68)
- Input: 1x HDBaseT RJ45, 1x IR
- Output: 1x HDMI, 1x IR in & 1x IR out

38114

70m C6 HDMI 4K Extender with HDBaseT

NEW

- Supports high resolution HDMI signals over distances up to 70
- Supports HDMI, DisplayPort and DVI-D up to 4K - see website
- Supports 4K, Full HD 1080p, 3D and increased color depth up to 48 Bit
- Also transmits IR remote signals

38139

100 m C6 HDBaseT Extender Pro PoH

LEARN MORE →24

Transmitter front & back   Receiver front & back

- Extender with HDBaseT 1.0 certification
- For high resolution displays and smooth video
- Supports HDMI, DisplayPort and DVI-D up to 4K - see website
- HDMI 1080p 3D, 4K UHD 2160p30, HDCP 1.4 and DVI compatible
- Also transmits RS232, 10/100Base-T Ethernet and IR via dedicated Cat.6 cable to 100m, cascadable
- IR Transmitter and IR Receiver cable

38115

100 m C6 HDBaseT HDMI/VGA Extender – Transmitter

NEW

front & back

- Supports a high-resolution HDMI or VGA signals up to 100m to a HDBaseT/C6 receiver
- Supports HDTV resolution up to Full HD 1080p increased color depth up to 48 Bit
- Supports PoH
- Also transmits 10/100Base-T Fast Ethernet, stereo audio, RS232 and IR signals up to 100m

38215

100 m C6 HDMI 4x4 Matrix HDBaseT Extender Pro PoH

LEARN MORE →56

Li Battery

- HDMI 4x4 matrix switch with 4 HDBaseT outputs
- Sends HDMI up to 1920x1200, 1080p 48 Bit, incl. 1080p 3D, IR remote, RS232 and PoH Ethernet with HDBaseT technology
- 4 HDMI inputs, 4 HDBaseT outputs, switch via IR remote control and Web GUI, Ethernet, RS232, Telnet
- 2 HDMI monitor outputs for ports 1 and 3

38216

100 m C6 HDBaseT Extender Pro PoH – Receiver
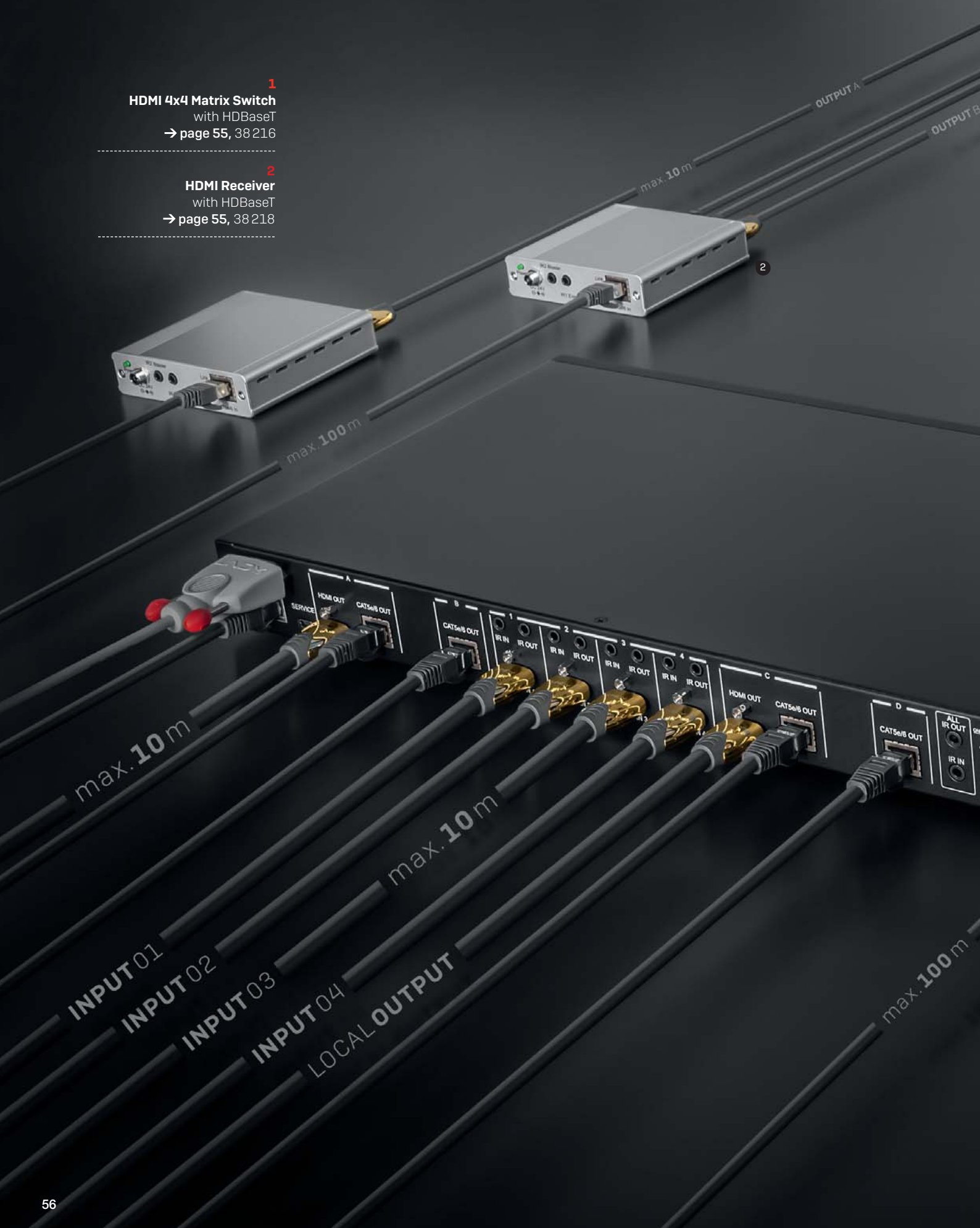

LEARN MORE →56

- HDBaseT signal receiver and outputs HDMI
- Supports IR-remote bidirectional or RS232, 10/100Base-T Fast Ethernet and PoH via Cat.6 up to 100m
- For all HDBaseT transmitters, for 4x4 Matrix
- Supports HDTV resolutions up to 4K or Full HD 1080p, increased color depth 24/36/48 Bit and 3D signals incl. 1080p 3D

38218

HDBaseT MATRIX
FLEXIBLE SWITCHING

Modern digital signal distribution installations need flexible and scalable solutions which can transmit signals over ever greater distances. Such systems must meet bandwidth and resolution requirements and also send maximum quality audio and video signals to displays using a variety of different transmission methods. Installations in company buildings and commercial environments require large signal ranges and the use of network cable infrastructure.

The LINDY C6 HDMI 4x4 Matrix Switch sends high-quality A/V signals with resolutions up to 1920x1200@60Hz including 1080p with 3D and multi-channel audio data from four HD source devices to four HDBaseT outputs. The switch is configured and controlled either via RS-232 or over IP or telnet. The system comprises of a matrix device unit and receivers

(available separately). Long distance connections can be implemented at each output via a single Cat.5e cable (up to 80m) or a Cat 6/7 cable (up to 100m). Two of the outputs offer local HDMI connections for monitoring purposes. The system supports high-resolution digital audio formats, such as LPCM 7.1, Dolby TrueHD, Dolby Digital Plus or DTS-HD Master Audio. Power over HDBaseT (PoH) support means that PoH compatible HDBaseT receivers no longer need their own power supply but can be supplied with power from the network cable. Thanks to the LAN connection, the Ethernet system can be extended to network enabled signal sources, such as SmartTV sets to allow them to connect to the internet. This setup allows the network infrastructure in the existing building to be used and not go to waste.

HDMI 2.0 EXTENDER
NEW HORIZONS

The development time and release interval of new A/V products has been getting shorter these past years. Standardization bodies have been releasing new standards for defining new rules on how higher resolutions, color depths and technical refinements for 3D and HDCP are implemented. These new specifications greatly affect maximum cable distance and transmission quality. Current displays and consoles which use these new standards and requirements must continue to function reliably over great extended distances from the source device.

The C6 HDMI 2.0 Extender is designed to transmit uncompressed HDMI 2.0 signals up to 100m by using HDBaseT 2.0 technology. It supports HDMI resolutions up to 4K@60Hz with increased color depth of up to 12bits/color channel. The transmitter and receiver is connected via a dedicated Cat.6 RJ45 cable. Additional USB 2.0, RS232, 10/100Base-T Fast Ethernet and IR remote control signals are also transmitted bi-directionally. This allows complete KVM workstations to be extended up to 100m from the computer, this with the highest possible resolution, color depth and according to the latest standards.

100 m C6 HDMI 4K & USB 2.0 Extender with HDBaseT 2.0

4K ULTRA HD
HDMI 2.0
HDCP 2.2

- Transmits high resolution HDMI 2.0 signals up to 4K60 up to 100m
- Supports 4K with 60Hz, 3D and increased color depth
- Supports DisplayPort and DVI-D - see website
- Connection via dedicated Cat.6 cable
  - **not for Ethernet network**
- Transmits IR remote control signals, RS232, USB 2.0, Ethernet and PoH
- Supports only asynchronous USB devices

Transmitter front & back   Receiver front & back

38 209

100 m C6 HDBaseT 2.0 KVM Extender Pro, Transmitter

HDBT™
4K ULTRA HD
HDMI 2.0
HDCP 2.2

38 202 Transmitter

- Transmitter with HDBaseT 2.0 certification
- Supports HDMI, DisplayPort and DVI-D up to 4K - see website
- Input: HDMI, stereo analog & audio digital, Ethernet, IR, RS232
- Output: HDBaseT 2.0, IR, USB 2.0, audio digital
- USB 2.0 only for asynchronous USB devices (no webcams etc.)

38 202

100 m C6 HDBaseT 2.0 KVM Extender Pro, Receiver

HDBT™
4K ULTRA HD
HDMI 2.0
HDCP 2.2

38 201 Receiver

- Receiver with HDBaseT 2.0 certification
- Supports HDMI, DisplayPort and DVI-D up to 4K - see website
- Input: HDBaseT 2.0, IR, 2x USB 2.0, audio digital
- Output: HDMI, stereo analog & audio digital, Ethernet, IR, RS232
- Power only via PoH

38 201

MODULAR AV MATRIX SYSTEM WITH HDBASET INPUT AND OUTPUT BOARDS, PAGE 35

... latest products at LINDY.com

AUDIO & VIDEO

FIBER OPTIC 4K HDMI EXTENDER
AS FAST AS LIGHT

1080p, 1080p120, 2160p30, 1080p3D, 2K, and now 4K: The requirements for bandwidth and speed of a signal trans-mission increases with each new HDMI version. With 4K at 60Hz , a color-sampling ratio of 4:4:4 at 12 bits per color channel, the bandwidth increases to 21.6 Gbit/s. Given these requirements, a conventional (copper-based) extender system will quickly reach its limits.

The fiber optic-based extender systems were specially designed for such scenarios. They take advantage of the higher bandwidth, the much better transmission characteristics and the significantly lower susceptibility of optical media compared to copper-based transmission paths. In contrast to copper cables, fiber optic cables work reliably even when sourrounded by electro-magnetic interferences. Thus, with the right systems and high quality (because low attenuation) OM3 fibers, you can easily bridge distances of over 300m or even of up to 5000m when using single-mode fibers. To learn about the characteristics of a fiber optical cable, look at the so-called bandwidth-length product, which is a measure for the performance of an optical fiber.

HDMI 2.0 Extender 4K60 MPO, 200m

4K ULTRA HD
HDMI 2.0
HDCP 2.2

Transmitter
front & back

Receiver
front & back

- Up to 200m via MPO cable
- Supports HDMI 2.0 resolutions up to UHD 4K60 and 3D formats, up to 18Gbit/s
- Uncompressed transmission quality in full resolution, without any loss of quality
- Supports increased color depth (deep color)

38 204

HDMI Extender 3000m / 700m Single Mode LC Duplex

4K ULTRA HD

Transmitter
front & back

Receiver
front & back

- Uses single-mode LC duplex up to 3000m, or up to 700m with HDCP
- HDMI 1.4 compatible
- Full HD 1080p, 1600p, 4K30, HDCP and DVI compatible
- Supports enhanced Deep Color to 48 bit and data rates up to 10.2 Gbit/s
- No image compression, no loss of quality

38 063

HDMI Fiber Optic Extender 450m/300m Multi-mode Duplex

4K ULTRA HD

Transmitter
front & back

38003

Receiver
front & back

- Uses multi-mode SC duplex cable up to 300m, or up to 450m without HDCP
- HDMI 1.4 compatible
- Full HD 1080p, 1600p, 4K, HDCP and DVI compatible
- Supports enhanced Deep Color to 48 bit and data rates up to 10.2 Gbit/s
- No image compression, no loss of quality

Fiber Optic SC Duplex Version	38 003
Fiber Optic LC Duplex Version **NEW**	38 163

IR Kit for Fiber Optic Extender

- Transmits the additional signals of an IR remote control
- IR sensor connects to receiver unit with 1m cable
- IR sensor connects to transmitter unit with 1m cable

38 006

HDMI 4K Hybrid Cable up to 150m

38175-38178

NEW

38275-38278

NEW

- High resolution signals over distances of up to 150m without loss of quality
- Length over 50m available upon request
- HDMI Type A metal connector with electronics, not removable

38 175–38 178
- Powered via HDMI
- Supports HDMI 1.4 up to 4K30 (10.2 Gbit/s)

38 275–38 278
- Power via HDMI and via USB port on the RX
- Supports HDMI 2.0 / HDCP 2.2 up to 4K60 (4:4:4), 18 Gbit/s

	20 m	30 m	40 m	50 m
HDMI 1.4 Version 4K30	38 175	38 176	38 177	38 178
HDMI 2.0 Version 4K60 Full Spec, 18 Gbit/s	38 275	38 276	38 277	38 278

HDMI Fiber Optic Extender

LEARN MORE → 24

- Up to 300m via 50/125µm Duplex LC Multi-mode cable
- Supports HDMI resolutions up to 1080p120, 2160p30, 2k, 4K and 1080p3D formats
- Uncompressed lossless transmission
- Supports deep color mode up to
- 48 Bit / 3x 16 Bit

38 170

→ details at www.LINDY.com

AUDIO & VIDEO

DVI-D Cat.6 Extender

cable not included

DVI Cat.6 Extender Classic 15m

LEARN MORE → 22

- Sends DVI signals via Cat.6/6A/7 RJ45 cable up to 30m
- Max. distance depending on signal source quality and RJ 45 cables
- 1920x1200@60Hz up to 15m with Cat.6A S/FTP

32599

DVI Cat.6 Extender Active 50m

- Sends DVI signals via Cat.6/6A/7 RJ45 cable up to 50m
- Max. distance depending on signal source quality and RJ 45 cables
- Active Extender with repeater 1920x1200@60Hz up to 50 m with Cat.6A S/FTP

38300

DVI Extender / Repeater

DVI Single Link Extender / Repeater 60m

LEARN MORE → 22

- Supports DVI-D up to 1920x1200, HDTV up to 1080p with audio and HDCP
- Supports cables with up to 60m using LINDY DVI SLD cable

32667

DVI Extender Dual Link Extender / Repeater 40m

- Supports DVI-D dual link up to 2560x1600
- Supports cables with up to 40m using LINDY DVI SLD cable

32 670

Wireless IR Extender

NEW

front & back

- Transmits IR remote control signals as RF signals over distances of up to 30m indoors / 100m outdoors

38105

IR over Cat.5 Extender Kit

IR sensor

RJ45 transmitter

IR emitter

RJ45 Receiver

- Transmits IR signals via a Cat.5 cable
- Kit includes 1x IR Sensor, 1x RJ45 Transmitter, 1x RJ45 Receiver and 1x IR Emitter, 1x power supply for Transmitter
- 3 additional IR Emitter (38016) can be connected
- Supports Cat.5 distances up to 450mm

38018

IR over HDMI Cable Transmitter Kit

38016

- Transmits IR signals over HDMI cable
- Kit includes 1x IR Sensor, 1x HDMI Injector, 1x HDMI Extractor (splitter) and 1x IR Emitter
- Also supports HDMI Hybrid cable and extender
- Also supports HDMI switch on the signal source side
- 4 outputs for additional IR emitters (1 emitter included)

Injector

Extractor

IR Emitter

IR Sensor

38017

IR over HDMI Transmitter Kit	38017
Additional IR Emitter for HDMI Transmitter Kit	38016

USB Powered IR Repeater Cable

NEW

- Extends IR signals, length 2m
- Power via USB port or via a USB power supply (not included)

38086

LINDY

DVI-D Fiber Optic Extender

DVI-D Extender Fiber Optic 4x LC 500m

- DVI-D Single Link up to 1920x1200, no HDCP
- Up to 500m via 50/125µm LC Duplex multi-mode
- Transmitter and receiver in robust metal connector housing
- Uncompressed lossless transmission via 4 LC or two Duplex cable

38 301

DVI-D Sigle Link Extender Fiber Optic LC Duplex 1500m

- DVI-D single link up to 1920x1200, no HDCP
- Up to 500m via 50/125µm LC duplex multi-mode, up 1500m via 9/125µm LC duplex single-mode
- Transmitter and receiver in a robust metal housing
- Uncompressed lossless transmission over a single fiber optic cable

38 113

DVI-D Dual Link Extender Fiber Optic MPO 500m

- DVI-D Dual Link up to 2560x1600 up to 500m via 12 wire MPO cable (available seperately)
- Transmitter and receiver in a robust metal housing
- Uncompressed lossless transmission over a single fiber optic cable

38 106

DVI Hybrid Cable up to 150m

- Connection of up to 150m for professional presentation systems
- Metal connector with electronics, not removable
- Optional power supply, power supplies included
- Supports DVI-D Single Link up to 1920 x 1200

	20 m	30 m	40 m	50 m	60 m	70 m	80 m	90 m	100 m	150 m
DVI-D-Version	38 370	38 371	38 372	38 373	38 374	38 375	38 376	38 377	38 378	38 379

DVI-D Fiber Optic 300m / 5000m Extender

LEARN MORE → 22

Transmitter front & back

Receiver front & back

- DVI-D single link compatible, resolution up to 1920x1200
- No image compression, no loss of quality, transmission of uncompressed signals with full bandwidth
- Supports transmission of IR and RS232 signals
- **38 004:**
  - Connection via one fiber optic SC duplex multi-mode cable up to 300m
  - Full HD 1080p, HDTV and HDCP compatible
- **38 064:**
  - Connection via one fiber optic SC duplex multi-mode cable up to 5000m
  - Full HD 1080p compatible – no HDCP

Fiber Optic DVI Extender 300m Premium (Multi-mode)	38 004
Fiber Optic DVI Extender 5000m Premium (Single-mode)	38 064

DVI-D Dual Link Fiber Optic 500m Extender

LEARN MORE → 22

Transmitter front & back

Receiver front & back

- Lossless transmission in original quality
- Uses 4x LC cable: special cable or 2x Duplex with identical length
- DVI-D dual link resolutions up to 2560x1600
- EDID Clone function
- Supports audio through 3.5mm connectors
- Transmit RS232 via Sub-D 9 pin connector

38 065

DVI & HDTV Splitter, HD-Ready

- Supports all DVI-D single link resolutions up to 1920x1200 and HDTV resolution up to Full HD 1080p
- HDTV and HDCP compatible, HD Ready
- Supports cable lengths up to 25m with LINDY SLD cable

DVI & HDTV Splitter HD-Ready 1:2	DVI & HDTV Splitter HD-Ready 1:4	DVI & HDTV Splitter HD-Ready 1:8
▪ 1 input – 2 outputs	▪ 1 input – 4 outputs	▪ 1 input – 8 outputs
32 447	32 446	38 108

DVI Splitter Dual Link

DVI Splitter Dual Link, 2 Port

- Ideal for professional applications and the medical industry
- Supports DVI-D dual link resolutions up to 2560x1600
- Supports cable lengths of up to 15m using LINDY Premium or GOLD DVI-D dual link SLD cable

38 107

DVI Splitter Dual Link, 4 Port

- Ideal for professional applications and the medical industry
- Supports DVI-D dual link resolutions up to 2560x1600
- Supports cable lengths of up to 15m using LINDY Premium or GOLD DVI-D dual link SLD cable

38 104

8x8 DVI Matrix Switch

- Connects up to 8 DVI devices to 8 HDTV displays or projectors
- Device selection by push button or infrared remote control, remote RS232 or USB connection – switch software included
- Supports DVI-D single link resolution up to 1920x1200
- Supports HDTV up to Full HD 1080p and DVI 1200p
- Supports cable lengths of up to 10m at the inputs

38 089

DVI & Audio HDTV Switch Remote 4:1

- Switches between 4 DVI and audio sources
- Resolutions: DVI-D up to 1920x1200, HDTV up to 1080i/p with HDCP
- Supports analog audio signals via 3.5mm stereo connectors

38 032

LINDY

EDID/DDC Emulator HDMI/DVI/VGA

32106
front & back

32107
front & back

32108

- Emulates EDID/DDC data continuously
- Clones monitor EDID/DDC data or uses built-in profiles
- Power via DVI connector, AC adapter or USB (not included)

EDID/DDC Emulator for DVI-D	32106
EDID/DDC Emulator for VGA	32107
EDID/DDC Emulator for HDMI	32108

EDID/DDC Emulators for VGA/DVI/HDMI Adapter

32101
front & back

32100

32103

32102
front & back

The system consists of individually available emulator adapters
as well as a clone and programming device
- HDMI, VGA or DVI-D emulator adapter with pre-stored EDID/DDC data
  (resolutions and timings see website)
- The programmer reads the needed EDID/DDC data from
  a monitor and stores the data in to the emulator adapter

VGA EDID/DDC Emulator Adapter	32101
DVI-D EDID/DDC Emulator Adapter	32102
HDMI EDID/DDC Emulator Adapter	32103
Programmer device for Emulator Adapter	32100

EDID/DDC Emulator Adapter for HDMI 4K60 with HDCP 1.4

NEW

- Emulates HDMI EDID data continuously
- Supports resolutions up to Ultra HD 4K 60Hz including HDCP 1.4
- Clones monitor EDID data or uses built-in profiles

32113

HDMI 1.4 Surge Protector

front & back

- Supports HDMI up to 4K30
- Against anti-static discharge, lightning surge and electrical transient bursts

73312

HDMI Power Injector

- Adds an additional 5V power into an
  HDMI cable connection
- Via USB power supply or a free USB port
- HDMI plug to HDMI connector (approx. 15cm) with USB type A
  power injector (approx. 15cm)

41080

AUDIO & VIDEO

➜ details at www.LINDY.com

HDMI to VGA & Audio Adapter, active

- Supports resolutions up to 1080p – no HDCP support
- Power supply via HDMI or Micro USB female

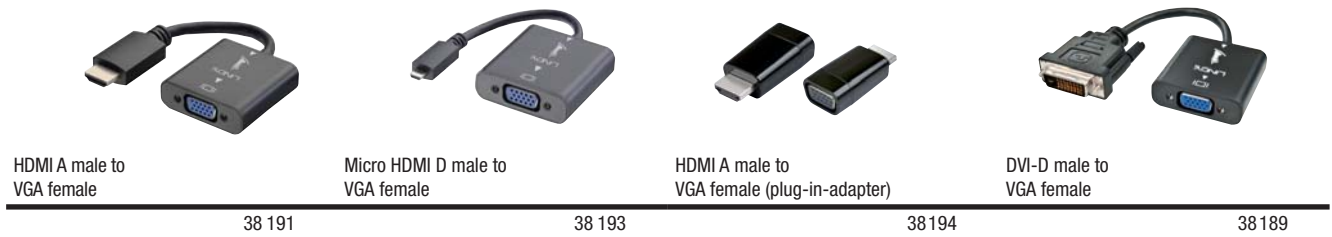| HDMI A male to VGA & Audio female	Mini HDMI C male to VGA & Audio female	Micro HDMI D male to VGA & Audio female
38185	38186	38187

HDMI or DVI-D to VGA Adapter, active

- Converts HDMI/DVI-D to VGA
- For Ultrabooks etc.

HDMI A male to VGA female	Micro HDMI D male to VGA female	HDMI A male to VGA female (plug-in-adapter)	DVI-D male to VGA female
38191	38193	38194	38189

VGA to TV / Composite Video Converter Lite

NEW

- Hardware based converter, compact size
- Compatible to PC and old game consoles with VGA output
- Supports transmission of audio signals
- Switch for NTSC or PAL

32544

Video to VGA Converter

- Converts SVHS/Composite Video to VGA signals
- 3 adjustable VGA resolutions:
  XGA: 1024 x 768, SXGA: 1280 x 1024,
  UXGA: 1600 x 1200 (PAL and NTSC)

32629

HDMI to Video & Audio Converter

NEW

- Converts HDMI to analog signals
- Input: HDMI, HDCP not supported
- Output: S-Video, composite video, analog stereo

38087

LINDY

VGA & Audio to HDMI Converter

photo similar

- Converts VGA video and analog audio to HDMI
- No scaling between input and output
- See website for supported resolutions

38165

DVI-D & Audio to HDMI Converter

photo similar

- Converts DVI-D video and analog audio to HDMI
- Digitizes audio signals and inserts it into the HDMI signal
- No scaling between input and output
- Supported resolutions 480p, 576p, 720p, 1080i/p@50/60Hz

38094

VGA & Audio to HDMI Converter Cable

LEARN MORE → 208

- Converts VGA & Stereo to HDMI
- Input: VGA, 3.5mm stereo
- Output: HDMI
- No scaling, power via USB plug

38188

VGA to DVI Converter Cable

- Converts VGA to DVI
- Input: VGA
- Output: DVI-D
- No scaling, power via USB plug

38184

DVI-D & S/PDIF Digitalaudio to HDMI Converter
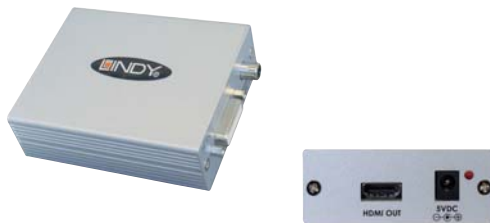
- The LINDY DVI + SPDIF to HDMI Converter combines digital video (DVI) and digital audio (SPDIF Coaxial) signals into an HDMI output
- Supports DVI-D resolutions up to 1920x1200, no scaling

32559

VGA & Audio to HDMI 1080p Upscaler

- Flexible and universal converter with upscaling
- Configuration via the OSD menu
- HDMI upscaling adjustable
- Converts audio D/A & A/D, bypass and HDMI

38099

SCART to HDMI 720p HD Converter

- Converts analog AV signals to digital HDMI signals
- Input: scart (RGB, CV & stereo)
- Automatic switching from RGB, SVHS, CV, PAL/NTSC
- Output: HDMI 720p

front & back

38101

AUDIO & VIDEO

DVI-D to VGA & Component Video Converter

- Converts digital DVI-D signals to analog VGA/RGB or component video YUV/YPbPr/YCbCr signals
- Input: DVI-D (HDCP not supported)
- Output: HD15 connector (VGA, YUV), with adapter cable to 3x RCA connectors
- VGA/RGBHV or YUV(YPbPr/YCbCr) format switchable
- Supported resolutions and formats of the output signal
  – VGA 640x480 up to UXGA 1600x1200
  – TV/HDTV PAL or NTSC format from 480i/60Hz up to 1080p/60Hz

32 562

DVI-D/HDMI to SDI Converter & Extender

38197   38198

LEARN
MORE
→ 208

- Cost effective solution for converting DVI-D signals into a broadcast quality SDI video signal
- Can be used with any suitable SDI display device
- Support resolutions up to 1080p
- Built-in 3.5mm stereo audio output for synchronised audio
- Auto-video mode detection (SD/HD/3G)

DVI-D to SDI Converter & Extender	38197
HDMI to SDI Converter & Extender	38199

SDI to DVI-D/HDMI Converter & Extender

38196   38198

LEARN
MORE
→ 208

- Converts broadcast quality SDI video signals DVI-D/HDMI
- Use cost effective HDMI monitors with SDI equipment
- Supports SDI, HD-SDI and 3G-SDI up to 1080p
- Stereo audio output in both digital (HDMI/DVI audio) and analog
- Plug & Play

3G SDI to DVI-D Converter & Extender	38196
3G SDI to HDMI Converter & Extender	38198

3G SDI to HDMI Converter

front & back

- Converts broadcast quality SD video into digital 1080p HDMI
- SDI bypass feature

38098

Splitter SDI 4 Port

front & back

- Supports SD-SDI, HD-SDI and 3G-SDI

38085

LINDY

VGA Selector Auto Switch Remote 2:1

- Automatically switches to the first active signal or new signal, automatic port switching with cable remote control
- Auto scan mode with adjustable scan rate (10, 20 seconds and off)
- Supports display resolutions up to 2048x1536
- Supports cable lengths of up to 50m using LINDY Gold VGA cables

32 585

AV Selector Auto Switch Remote 2:1

- Automatically switches to the first active signal or new signal, automatic port switching with cable remote control
- Supports stereo audio (3.5mm stereo jacks)
- Supports VGA resolutions up to 2048x1536
- Supports cable lengths up to 50m
  (with LINDY Gold VGA cable and 3.5mm stereo cable)

32 586

Manual VGA Switch 4:1

- Manual VGA Switch in a robust metal housing
- Switches between 4 inputs/outputs and one output/input
- 4x VGA/HD15 female

32 611

Manual VGA & Audio Switch 2:1

front & back

- Affordable manual VGA and audio switch
- Supports VGA resolutions up to 1900x1200
- Connectors: 3x HD15 female, 3x 3.5mm stereo jacks

32 529

SCART Switch 2:1

- Switches between 2 signal devices or between 2 TV devices

35 596

CABLE GUIDE

AUDIO & VIDEO

VGA & Audio Selector Matrix Switch

- Switch VGA and stereo audio
- Each input signal can be set to any output
- Switch using a button on the unit or via IR remote control
- Supports VGA resolutions up to 2048x1536
- Integrated video amplifier supports cable lengths up to 50m with the LINDY Gold VGA and 3.5mm stereo cable

AV Selector Matrix Switch 4 x 4 - VGA & Audio Stereo	32678
Rack Mount Kit 19" for 32678	32679

VGA & Audio Selector 4:1

32647

- Switch between 4 VGA & audio sources
- Separate VGA and audio ports, can also be used as VGA switch
- Supports VGA resolutions up to 2048 x 1536
- Switch via push button and electronic switching technology or via remote or automatically
- Supports cable lengths of up to 50m

32639

VGA & Audio Selector 4:1	32647
IR Remote Control for 32647	32639

VGA & Audio Selector 8:1

- Switch between up to 8 VGA & audio sources
- Works as a stand alone VGA switch
- Audio and video can be switched together or independently from each other
- Switching via IR remote control or directly on the switch
- Supports VGA resolutions up to 2048x1536
- Supports cable lengths up to 70m

32584

VGA Splitter PRO, 2 to 8 Port

- Distribute a VGA input signal to up to eight VGA outputs, cascadable
- Compatible with LCDs, TFTs, and CRT monitors
- Resolution up to 2048x1536 (QXGA) to 75Hz, 450MHz bandwidth
- Supports long cable lengths up to 50m when using LINDY Gold SVGA cables
- Ports: 1 input (HD-15 male connector) - 2/4/8 outputs (HD-15 connector)
- Robust metal housing

front & back	front & back	front & back
VGA Splitter PRO, 2 Port	VGA Splitter PRO, 4 Port	VGA Splitter PRO, 8 Port
32 571	32 572	32 573

VGA Splitter USB powered

NEW

- Affordable VGA splitter
- Supports VGA signals up to 1920 x 1600
- Connectors: output VGA female, input VGA male
- Cable length up to 30m
- Power via USB A female

VGA Splitter USB powered, 2 Port	32 356
VGA Splitter USB powered, 4 Port	32 360

VGA Splitter – internal

- For internal PC use or computer chassis in free slot bracket
- Integrated VGA video amplifier allow cable lengths up to max. 75m using LINDY Gold SVGA cables
- Incl. short cable (0.4 m) to connect from the graphics card
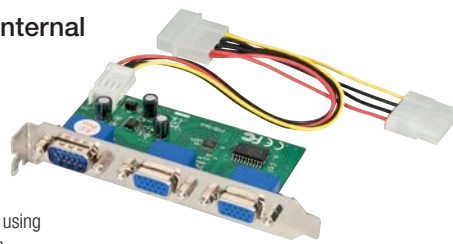
32 407

VGA Splitter Cable - passive

- Affordable alternative to a VGA video splitter box
- Distributes a VGA signal to two outputs
- Passive cable which simply splits a single VGA signal into two without any amplification

VGA Splitter Cable 1:2, passive	41 214

VGA Splitter Lite 2 Port

- Affordable 2 port VGA splitter
- Supports VGA signals up to 1920 x 1600
- Connectors: 3x VGA female
- Cable length up to 20m
- Incl. power supply

32 350

CABLE GUIDE

AUDIO & VIDEO

Cat.5 Audio/Video VGA Extender & Splitter

- The extender system consists of two different transmitters, three different receivers (150m, 250m and 300m), and an 8 Port Extender/Splitter
- Transmits VGA and analog audio signals via affordable UTP Cat.5e cable with distances up to 300m
- Supports VGA resolutions up to 2048x1536 at short distances, 1920 x 1200 up to 300m, DDC monitor signal and audio in mono
- Use UTP Cat.6 cable in order to get the highest resolutions with the longest distances
- Detailed information at www.LINDY.com. For more options, larger installations and projects, please contact our hotline

AV Extender Cat.5
Transmitter with Monitorport
32763

AV Extender 8 Port
Splitter Transmitter
32762

AV Extender Cat.5
Receiver 250 m
32765

AV Extender Cat.5
Receiver 300 m HighRes
32767

SOLUTION 1 : 1

32763

250 m

32765
Cat.5 Receiver

Cat.5 Transmitter

300 m

32767
Cat.5 Receiver 300m @ 1920 x 1200

SOLUTION 1 : 8 : 16 : 24 ...

32762

8x Cat.5e cable

Cat.5 8 Port
Splitter Transmitter

more 32762 cascadable

1 250 m
32765
Cat.5 Receiver

or

2 300 m
32767
Cat.5 Receiver 300 m@1920 x 1200

Variation 1, 2 and 3 can also be mixed

LINDY
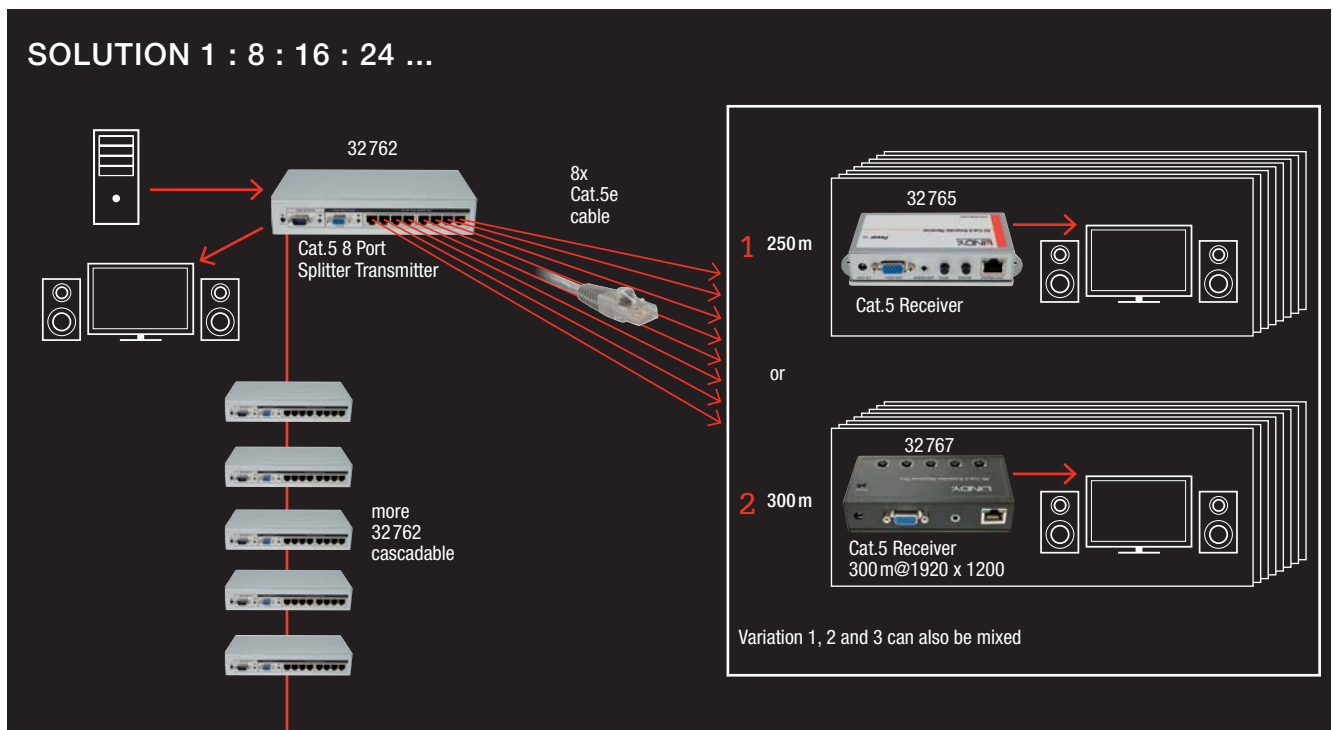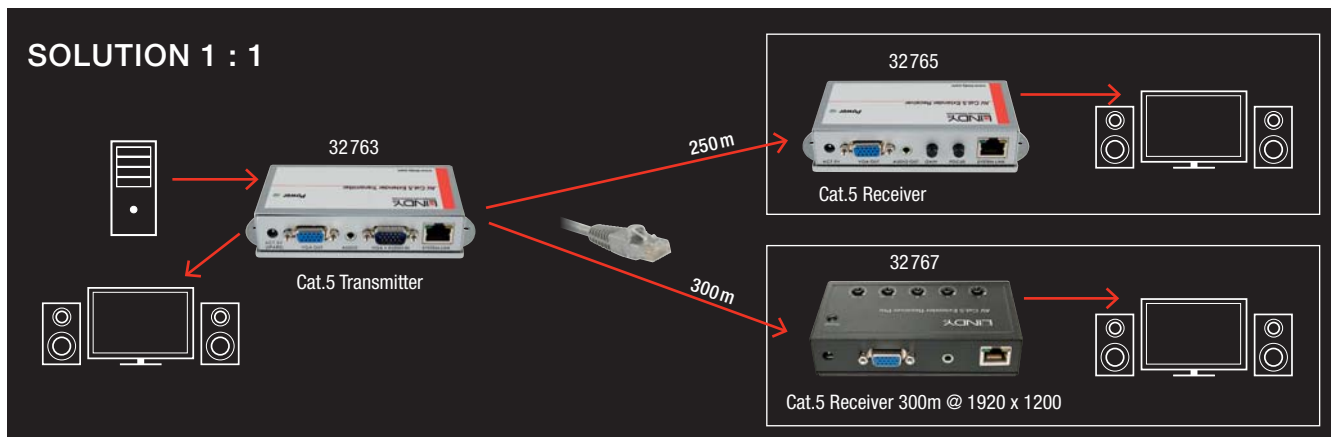
VGA Extender Cat.5 BASIC

- Passive extender without amplification
- Transmits VGA signals via Cat.5/6 cable
- Supports the following distances:
  75m@800x600 / 50m@1024x768 / 30m@1280x1024

37 571

Cat.5 VGA & Audio Extender 300 m

Transmitter & Receiver
front

Transmitter & Receiver
back

- Resolution: 1920 x 1200 up to 300m
- Adjustable gain and sharpness
- Connection via UTP Cat.5/5e RJ45 network cable

32 540

Cat.5 VGA & Audio Extender 300 m 4 Port

35 402
front & back

35 401
front & back

- Resolution: 1920 x 1200 up to 300m
- Adjustable gain and sharpness
- Connection via UTP Cat.5/5e RJ45 network cable

Cat.5 VGA & Audio Extender 300 m, 4 Port Transmitter	35 401
Cat.5 VGA & Audio Extender 300 m, 1 Port Receiver	35 402

Fiber Optic VGA Extender 750 m

- Transmit VGA via LC Multi-mode cable up to 750m
- Supported resolutions up to 1920 x 1200 or 2048 x 1536
- Connection via two duplex LC cable or 4x LC cable 50/125µm OM3 up to 750m

32 541

AUDIO & VIDEO

Audio/Video Extender via Cat.5/6 600 m

- For Composite Video (CV) & stereo audio signals
- Easy to install - just connect!
- No power supply required

front & back

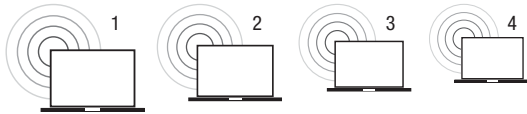| AV Extender Cat.5/6 Composite Video & Stereo | 32535 |

VGA Skew Compensator for Cat.5 Extender

- Improves video quality for large distances by compensating RGB image distortions introduced by using Cat.5 cable

| | 32766 |

WLAN/WiFi Audio-Video Projector Server

1 2 3 4

1 2
3 4

NEW

The Wireless Projector Server enables notebooks, tablets and smartphones to wirelessly transmit picture and sound presentations or videos via Wi-Fi to stream to a connected projector.

- Wireless streaming: receives wireless video from computers, laptops, tablets and smartphones
- Generates its own WLAN/WiFi
- Plug & Show: easy installation for easy use
- The needed software can be directly downloaded and installed from the Projector Server

32697: VGA-Modell Compact
- Compact version, for direct connect to a VGA port

32702: VGA & HDMI Model Split Screen
- HDMI, VGA, Audio: digital or analog outputs can be used
- Split Screen function for simultaneous users

32702
front and back

32697

| WLAN/WiFi 11n VGA Projector Server Compact | 32697 |
| WLAN/WiFi 11n HDMI & VGA Projector Server Audio & Split Screen | 32702 |

PRODUCTS WITH WIRELESS HDMI TRANSMISSION, PLEASE SEE PAGE 48

... latest products at LINDY.com

LINDY

Modular Wall Boxes

- Installation according to German standards
- Fixed with screws or clamps
- For insertion of snap-in modules or Keystones

- Installation according to British standards
- For use with 2 or 4 snap-in modules
- Screw fixing of the face plate, distance approx. 60 or 121mm (single/doublebox)

- Installation according to Italian, Australian, and American standards
- Screw fixing of the face plate, distance 83mm
- For use with 3 snap-in modules

81 x 81mm – DE System

	For 1 Keystone	60543
	For 2 Keystones	60544
	For 1 Snap-In-Module	60545
	Surface Mount Back Box, 45mm depth	60546

86 x 86 or 146 x 86mm – UK System

	For 2 Snap-In-Module (front plate)	60541
	Surface Mount Back Box 86x86, 47mm depth	60523
	For 4 Snap-In-Module (front plate)	60542
	Surface Mount Back Box 146x86, 47mm depth	60524

114 x 70mm – US/IT/AUS System

	For 3 Snap-In-Module (face plate)	60547
	Surface Mount Back Box 115x72, 38mm depth	60548

ALSO AVAILABLE WITH KEY STONE RJ45, PAGE 123

Snap-In Modules for Modular Wall Box Series

Snap-in modules for easy insertion into the various Modular Wall Boxes and 50mm wall channels

Snap-in modules for use in the modular wall box series - 25x50mm

		For 1 Keystone, 4 pcs.	60551
		For 2 Keystones, 4 pcs.	60552
		For 1 Keystone, 45°, with dust cover, 4 pcs.	60561
	front & back	With 3x RCA F/F, Gold, 1 pc.	60533
	front & back	With 3x RCA F/F solder version, 1 pc.	60532
		With 1x F Connector F/F, 2 pcs.	60531
		Blank plate, 2 pcs.	60540
		3 Holes (BNC/F/…) Ø 9mm, 4 pcs.	60530
		Sub-D9 or HD15, 4 pcs.	60527
	front & back	DVI-I Coupler, 1 pc.	60574
		With VGA Coupler, 1 pc.	60480
		With DisplayPort Coupler, 1 pc.	60556

Keystone Module

Fits into modular face plates and in Snap-in modules

Keystone Module – universally fits

	front & back	Keystone HDMI F/F, 1 pc.	60526
		Keystone HDMI F/F, 90°, 1 pc.	60490
	front & back	Keystone 3.5mm Stereo F/F, 2 pcs.	60528
	front & back	Keystone 1x F-Connector F/F, 2 pcs.	60559
	front & back	Keystone USB Type A/B F/F 1 pc.	60555
	front & back	Keystone USB Type B F/F, 1 pc.	60554
	front & back	Keystone USB Type A F/F, 1 pc.	60553
		Keystone USB Type A reversible F/F	60583
		Keystone USB Type A Coupler, 90°, 1 pc.	60491

AV Multimedia Face Plate, Metal, white

- Metal cover approx 86x86x35mm, with two mounting screws
  (distance approx 60mm), white painted
- Suitable for wall boxes 86x86mm
- Space at the back of the box 64x48mm, depth 30mm
- VGA HD15 female, 3.5mm stereo audio female

VGA & Audio Multimedia Face Plate, metal, 86x86mm	60211

AV Face Plate VGA/HDMI/USB/3.5mm Stereo

NEW

- Plastic cover plate, white, approx. 86mm x 86mm x 35mm,
  with 2 mounting screws (distance approx. 60mm)
- Fits 86 x 86mm surface mount boxes of the modular series
- Space requirement at the back is about 30mm
- Includes short cable inside, can be combined with
  LINDY HDMI active cables or extenders/repeaters

	60220

AV Cat.5 Extender snap-in Modules up to 300m

60558

60539

- Choose from two snap-in modules, including VGA or YUV combinations
  designed to be fitted to our modular face plates wall box series.
- Passive extender technology with impedance matching
- Connection via Cat.5 cable with IDC termination
- For more details, see website

RGB/YUV Cat.5 Extender 3x RCA 30-300 m (pair)	60558
VGA Cat.5 Extender 30-100m in Surface Box (pair)	60539

Wall Box for 6 snap-in Modules

Supplied without
the shown snap-in modules

- For up to 6 snap-in modules 25 x 50mm
- 4 blind bezels included
- White plastic housing with labelling space
- Hinged lid for comfortable installation
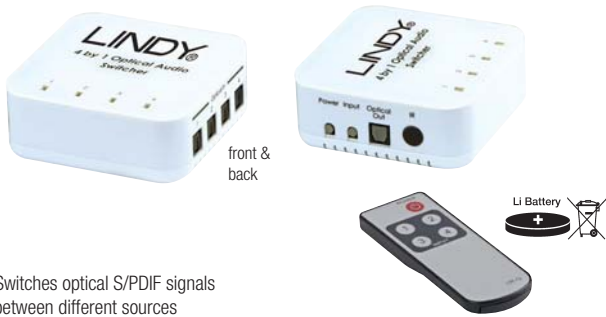- Dimensions approx.: 17 x 20.5 x 5.5cm

	60549

... latest products at LINDY.com

LINDY

Audio Switch TosLink 4 Port

front & back

Li Battery

- Switches optical S/PDIF signals between different sources
- Switch via keys on the device or IR remote

70416

Audiosplitter Toslink S/PDIF Digital

70407 front & back

70403 front & back

- 2 or 4 way digital optical S/PDIF audio splitter
- Input and output: TosLink (optical) female

Audio splitter TosLink S/PDIF Digital 2 Port	70407
Audio splitter TosLink S/PDIF Digital 4 Port	70403

Audio Switch TosLink 4 Port Premium

front & back

Li Battery

- Switches optical S/PDIF signals between different sources
- Switch via keys on the device or IR remote

70435

Audio Converter HDMI ARC Analog Stereo RCA

front & back

- Supports HDMI audio sampling rates up to 192kHz
- Input: HDMI with ARC function, can not be used on normal HDMI connections
- Converts to 2 channel analog stereo

38092

Auto Optical Audio Switch TosLink 2 Port

- Switch between 2 optical S/PDIF (TosLink) sources automatically

70405

HDMI Audio Extractor with HDMI Bypass

front & back

- Extracts HDMI audio
- HDMI input and output (for pass through)
- Optical SPDIF and analog RCA audio outs

38097

Audio Switch TosLink 2 Port, manual

front & back

- Switches optical S/PDIF(TosLink) signals between two sources

70434

Lip Sync-Box

- Corrects the common issue caused by analog audio signals being faster than digital
- Adjustable audio delay from 0-300ms (8 settings)
- Input & output port: 2 x L/R stereo RCA

70449

TOSLINK CABLE
SEE PAGE 250

... latest products at LINDY.com

AUDIO & VIDEO

AUDIO/VIDEO CONVERTER
CONVERTS

For audio data to be decoupled from the data stream and made audible or converted into analog audio signals that can be fed as data into one or more digital devices, digital/analog or analog/digital converters, switches and splitters are needed. LINDY provides these products in various models depending on the application.

Whether only S/PDIF data over copper cable converted to analog stereo signals, or extracting the audio stream from an HDMI transmission or additional Dolby Digital decoding is needed, the LINDY portfolio offers for every application the appropriate audio converter - even sampling rates of up to 192kHz.

Audio Converter S/PDIF Digital to Analog

LEARN MORE →82

front & back

- Converts digital optical or coaxial S/PDIF signals to analog stereo audio
- Input: TosLink (optical), digital coaxial (RCA)
- Output: analog Stereo L & R (RCA female)
- Integrated digital/analog converter (DAC)
- Sample rates up to 48 kHz

70408

Audio Converter Analog to S/PDIF Digital

front & back

- Converts analog stereo audio to digital optical or coaxial S/PDIF signals
- Input: analog Stereo L & R (RCA female)
- Output, switchable: 1x TosLink (Optical), 1x Digital Coaxial (RCA)
- Supports digital 2 channel uncompressed LPCM signal 48kHz

70409

Audio Converter Combo Digital to Analog 92kHz

LEARN MORE →82

front & back

- Inputs TosLink (Optical) and coaxial (RCA)
- Input format LPCM 2 channel 24-bit / 96kHz
- Outputs: analog stereo (RCA jacks)

70470

Audio Converter Digital <-> Analog with Dolby Digital Decoder, TosLink to Stereo RCA

front & back

- Optical digital audio signal input and conversion into analog audio signal L/R output
- Supports uncompressed digital LPCM stereo or Dolby® Digital 5.1CH audio inputs
- Dolby Digital audio downmixing to 2 channel audio

70471

Audio Converter Combo TosLink & Coax digital up to 192kHz to analog Stereo

front & back

- Input, switchable: 1x TosLink (Optical), 1x Digital Coaxial (RCA)
- Input format LPCM 2 Channel, up to 24 Bit
- Sampling rate: 32 - 192kHz
- Output: analog Stereo L & R (RCA female)

70469

Audio Converter Digital bi-directional: TosLink <-> Coax / RCA

front & back

- Converts digital optical to coaxial SPDIF or coaxial SPDIF to digital optical

70411

Digital Audio Extender Cat.5, 150m

- Transmits digital SPDIF Coax or TosLink signals over Cat.5 cable
- Supports stereo and multi-channel audio, Dolby Digital, DTS, 7.1
- Sampling rates 32K/44.1K/48K/88.2K/96K

70466

Cat.5e/6 Extender Stereo Audio 100m

- Transmits Stereo signals via Cat.5 cable

70460

USB 2.0 Audio Adapter

Additional audio ports for your computer also ideal for VoIP, Skype and other programs.
- Stereo line output and mic input with mute key
- Supports virtual 3D 7.1 surround sound

42961

Mini Headphone Amp & Splitter

LEARN MORE →82

- Easily improve the sound quality of your portable devices
- Enjoy up to 12 hours of continuous playback with a single charge

35507

USB 2.0 Video Grabber

- Fast video data capture via USB 2.0
- Powered by the USB bus - no external power supply required
- Screen capture function

42886

Premium Notebook Microphone

- Alternative to the built-in microphone
- 90 degree hinge for optimal positioning

Notebook Microphone Premium, silver	20379

LDAC Pro USB DAC & Headphone Amp

- The ultimate DAC for home cinema and audio enthusiasts (with remote control)
- Provides audiophile sound quality up to 24bit/192KHz
- With renowned, high performance Burr-Brown PCM4101 DAC chipset, headphone amplifier, with high quality TI TPA6120A2 chipset

70410

CROMO IEM-75 Dual Driver Earphones

- Superior sound reproduction
- Sound isolating
- Exchangeable ear tips
- Designed for optimum comfort and performance
- With carry bag and 3 pairs of super soft ear tips (size: S/M/L)

20381

IEM-50X Hi-Fi In-Ear Headphones with Dynamic Bass Tuning

20396

Earphones Adapter Cable

35548

35549

2.5mm male / 3.5mm female adapter cable 20cm	35548
3.5mm male / 2.5mm female adapter cable 20cm	35549

Headset Adapter Cable
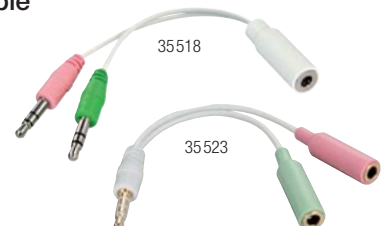
35518

35523

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- For iPhone, iPad, iPod, HTC, Lenovo Notebook and most Smartphones (not for PC)

Smartphone adapter 4 segment male / 2x 3.5mm female, white	35523
Headset adapter 4 segment female / 2x 3.5mm male, white	35518

Adjustable Headset With Microphone

NEW

- Compact stereo headphones are perfect for office and education applications and can be used in conjunction with popular VoIP and Office software
- 2x 3.5mm stereo jack

20 397

HF-20 Lightweight Stereo Headphones

- Fully adjustable headband with swivelling earpieces for portability and convenience
- 1.2m cable with gold plated 3.5mm stereo jack
- High output 30mm neodymium drivers provide superb clarity and excellent bass response

20 257

BNX-60 Wireless Active Noise Cancelling Headphones Bluetooth

LEARN MORE →82

- Wireless transmission up to 15m
- Adjustable Active Noise Cancelling
- Bluetooth 4.1 Wireless connectivity with aptX®
- Built-in battery for up to 30 hours music playback and 12 hours noise cancelling, charging via USB
- Built-in mic for headset function

Li-Ion/Li-Po

73 136

NC-40 Active Noise Cancelling Headphones

LEARN MORE →82

- 16dB active noise cancelling and high output 40mm drivers for superb sound quality
- Soft cushioned earpads for comfortable use over long periods
- Noise cancelling circuit powered by 1x AAA battery (included)

AAA/AA

20 425

HF-100 Premium Hi-Fi Headphones

- Professional studio monitor and Hi-Fi headphones
- Closed back for excellent noise isolation
- Circumaural, over ear design featuring 42mm drivers with dynamic, neodymium magnets and CCAW voice coils
- Includes 3m detachable cable, spare ear pads, carry case and 3.5mm to 6.3mm jack adapter

20 378

HF-110 Open Back Hi-Fi Headphones

- Professional studio monitor and Hi-Fi headphones
- Open back for excellent bass response and a more natural, accurate sound
- Circumaural, over ear design featuring 42mm drivers with dynamic, neodymium magnets and CCAW voice coils
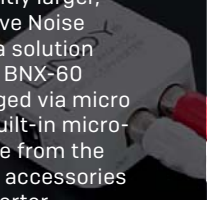- Includes 3m detachable cable, spare ear pads, carry case and 3.5mm to 6.3mm jack adapter

20 375

HEADPHONES
FOR ALL OCCASIONS

On-ear, Over-ear and In-ear. Cabled or wireless Bluetooth. Whether it's sports headphones for jogging or noise canceling over-Ears for an undisturbed sound pleasure. Rock, hip-hop, classical or blues: which music style you favor. The right headphones ensure a guaranteed audio pleasure! The most important criteria when purchasing a modern headphone includes modern design, perfect sound and a pleasant fit.

No matter what kind of music is heard, LINDY has four types of headphones to choose from. In-ear headphones are small and practical to handle. On-ear and over-ear are significantly larger, but offer better comfort and a clearer sound. The Active Noise Canceling technology and Bluetooth models provide a solution against disturbing external ambient noise. The LINDY BNX-60 holds up to 12 hours of battery life and can be recharged via micro USB. Additionally, the BNX-60 can be used with the built-in microphone to make calls via the hands-free function. Aside from the incredible audio quality, we also provide the following accessories such as, cable, in-line splitter, amplifier or audio converter.

KVM SWITCHES & EXTENDERS DISTRIBUTION

USB Smart Data Transfer & KVM Cables

PC
ANDROID

USB 2.0 Smart Data Transfer &
KVM Cable, PC & Android

PC

USB 3.0 Smart Data
Transfer & KVM Cable, PC

- Picture in Picture (PIP) function
- Affordable solution for controlling two PCs using one keyboard and mouse
- Sync files to another computer by Drag & Drop

- Shares video card & hard disk resources between two Windows PCs/tablets and smartphones
- Allows screen extension and mirroring
- Remotely control mouse and keyboard
- Drag & Drop / Copy & Paste functionality

42613

42624

KM Keyboard & Mouse Switch USB

- KM Switch without video switching, only mouse & keyboard
- Smart switching by moving the mouse cursor, or also via hotkey, system tray icon etc.

PC **MAC**

32165

KVM Switch Classic USB & VGA 2 Port

- 2 Port USB 1.1 KVM-Switch
- Integrated KVM cables
- Connectors: VGA monitor, USB mouse, keyboard, supports USB hubs
- Switch via hotkey (ctrl-key)

PC

32816

KVM Switch Compact USB Audio 4 Port

- USB 1.1 KVM Switch 4 Port for PC & Mac
- Port switching via keyboard hotkey, switch button or via switching icon in the system tray or dock
- 4 sets of connection cables

PC **MAC**

32827

Manual KVM Switch USB & VGA

- Low cost KVM alternative
- Connectors: VGA monitor, USB mouse, keyboards, supports USB hubs
- Max. cable length 2m (USB)

32583

KVM Switch Compact USB 2.0 Audio

Provides essential interfaces for modern peripherals
Supports USB hub function to connect additional USB 2.0
devices. Port switching via button, keyboard hotkey, or icon in the taskbar or
dock, software tool (only Windows and MAC)

Windows

Mac OS

Taskbar icon
(Windows)

Dock icon
(Mac OS)

Clicking on the icon switches the port to the other computer, right click
opens the options menu.

LEARN
MORE
➔ 88

VGA KVM Switch Compact
USB 2.0 Audio 2 port

- For high resolution VGA
- Switches VGA, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic

DVI-D KVM Switch Compact
USB 2.0 Audio 2 port

- KVM Switch for digital LCDs and USB 2.0 sharing
- For DVI-D resolutions up to 1920x1200 incl. HDCP
- Switches DVI, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic

HDMI KVM Switch Compact
USB 2.0 Audio 2 port

- For HDMI resolutions up to Full HD1080p and 3D with HDCP
- Switches HDMI, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic
- Supports PCs, Macs, PS3/4 or Xbox with HDMI and 3D

DisplayPort Switch Compact
USB 2.0 Audio 2 port

- For DisplayPort resolutions up to 4K@30Hz
- Switches DisplayPort, USB mouse and keyboard, USB 2.0 devices, stereo speakers and mic

42 342	42 341	42 340	42 343

**PLEASE CHECK OUR WEBSITE REGULARLY FOR
NEWER MODELS WITH UPDATED INTERFACES SUCH
AS USB 3.0 , DP 1.2 AND HDMI 2.0**

INPUT02

INPUT01

2

3

DESKTOP KVM SWITCHING
INTELLIGENT SWITCHING

Professional KVM switches for intelligent, convenient and reliable working with multiple workstations. Shared use of peripherals using integrated hubs saves procurement costs for additional devices. When working with multiple computers at a single workstation, the requirement is for a professional easy to use solution in the server room, office or home. This requirement can be met in different ways. In the simplest of cases, the operator can work with multiple mice, keyboards and monitors next to each other. However, this soon becomes very inefficient, does not save space, and is impractical. There are various ways of countering this problem: A monitor switch is perhaps the most well-known, which obviates at least one of the monitors. Anyone who has ever tried this out would have quickly realised that often the wrong mouse and keyboard is used and very little desk space is saved because of the requirement to use multiple keyboards and mice.

The elegant solution from LINDY for this entire problem is called a KVM switch - a switch which can switch the monitor, mouse and keyboard and optionally other USB and audio devices. LINDY provides such KVM switches in different standards from basic to professional with 2 to 32 ports and with various monitor interfaces. Desktop KVM switches usually have 2 or 4 ports. KVM switches for server rooms usually have 8, 16, 24 or 32 ports

and are frequently cascadable for larger integrations. With the desktop KVM switch, the very first decision is determined by the display interface and the number of connected computers. To connect to the PCs, KVM cables with all of the four connections (video, USB, audio, microphone) are used. The KVM switch does not convert the video interfaces. All of the connected computers must have a matching video output (e.g. HDMI) or are able to be adapted using a suitable converter / adapter. The next question concerns what optional peripherals to connect. Simple KVM switches often support only mouse and keyboards, usually via USB. However, other USB peripherals, such as a printer are supported by more advanced models. One of the extra options consists of extending the USB functionality by connecting a USB hub. KVM switches with this option allow the common switchover of all of the devices connected to the hub, such as card readers, memory sticks, webcams, printers and much more. Professional models with separate USB device and USB mouse/keyboard ports allow device ports to be removed from the switching as required, or even to be switched separately. For high quality KVM switches, audio devices are also supported which can also be excluded from switching. The headset or loudspeakers can remain connected to the same PC even if the KVM signals are briefl y switched to a different machine e.g. during a video conference.

1
Desktop HDMI KVM Switch
USB 2.0 & Audio
→ **page 87,** 42 340

2
Video Adapter
Mini-DisplayPort to HDMI
→ **page 44,** 41 014

3
Adapter DVI-D / HDMI
HDTV & HDCP compatible
→ **page 231,** 41 228

4
Headset with microphone
and volume control
→ **page 81**

4

1

KVM Switch Pro Audio
with KVM cables

Transparent USB ports for mouse & keyboard, also supports special functions
- Two USB 2.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the keys
- Includes KVM cables

Models with DVI-I ports:
- Supports Dual Head (1x analog + 1x digital) via 1x DVI-I
- Supports digital as well as analog connected monitors
- Also supports highest analogue VGA resolutions i.e. up to 2048x1536

39 330, 39 331:
– Supports DVI-D single link resolution up to 1920x1200

39 332, 39 333:
– Supports DVI-D dual link resolution up to 2560x1600

Models with DisplayPort (39 328):
- Supports DisplayPort resolutions up to 2560x1600 and 4K@30hz
- Supports audio via DP as well as analog audio via 3.5mm jacks

39 330,
39 332

39 331,
39 333

39 328

KVM Switch Pro USB 2.0 Audio DVI 2 port, with cables	39 330
KVM Switch Pro USB 2.0 Audio DVI 4 port, with cables	39 331
KVM Switch Pro USB 2.0 Audio DVI Dual Link 2 port, with cables	39 332
KVM Switch Pro USB 2.0 Audio DVI Dual Link 4 port, with cables	39 333
KVM Switch Pro USB 2.0 Audio DisplayPort 4 port, with cables	39 328
DVI-I Dual Link monitor splitter cable analog/digital (DVI-I F / HD15 M + DVI-D M)	41 204

KVM Switch PRO USB 2.0 Audio DP 1.2

NEW

- Supports DisplayPort resolutions up to 4K60 and DP++
- DP++ support for passive converters to HDMI, DVI, VGA, MST hubs are not supported
- Supports audio via DP as well as analog audio via 3.5mm jacks
- Two transparent USB ports for mouse & keyboard, also supports special functions in mice and keyboards
- Two USB 2.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the push buttons

*cables are not included, please order separately

39 304

39 305

2 Port KVM Switch Pro USB 2.0 Audio DisplayPort 1.2, without cable	39 304
4 Port KVM Switch Pro USB 2.0 Audio DisplayPort 1.2, without cable	39 305

KVM Switch Pro Audio with KVM cables

- VGA & PS/2 desktop version with audio support
- Robust metal desktop housing, rear connectors
- VGA resolutions up to 2048x1536
- Port status LEDs in the switch buttons on the front
- Switch via port key or hotkey, configurable

32 921

KVM Switch Pro USB 2.0 Audio – Dual Head

39300

39301

- **For two DVI monitors, Dual Head**
  - Supports both connected analog and digital monitors
  - Also supports analogue VGA resolutions up to 2048x1536
  - Supports digital DVI-D Single Link resolutions up to 1920x1200
  - Each DVI-I port supports a VGA and a DVI-D connection in parallel, two DVI-I connectors support up to 4 monitors. Monitor splitter cables (41008) and short extension cables have to be used
- Two transparent USB ports for mouse & keyboard, also supports special functions in mice and keyboards
- Two USB 2.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the push buttons

*cables are not included, please order separately

39302 and 39303 support DVI Dual Link resolutions up to 2560x1600

39300

39301

KVM Switch Pro USB 2.0 Audio DVI Dual Head 2 port (without cable)	39300
KVM Switch Pro USB 2.0 Audio DVI Dual Head 4 port (without cable)	39301
KVM Switch Pro USB 2.0 Audio DVI Dual Head Dual Link 2 port (without cable)	39302
KVM Switch Pro USB 2.0 Audio DVI Dual Head Dual Link 4 port (without cable)	39303

HDMI KVM Switch Pro Audio USB 3.0

- Supports HDMI resolutions up to Full HD 1080p, 3D and HDCP
- Supports HDMI with audio and stereo audio via separate 3.5mm output jacks
- Two transparent USB ports for mouse & keyboard, also supports special functions in mice and keyboards
- Two USB 3.0 ports with support for USB hubs
- Switch via port key or hotkey, configurable
- LED port status on the keys

*cables are not included, please order separately

39311

KVM Switch Classic HDMI, USB 2.0 & Audio, 4 Port

- Classic KVM Switch with HDMI, USB and audio support including USB 2.0 device sharing
- Supports HDMI resolutions up to Full HD 1080p, 3D and HDCP
- USB 2.0 front connectors for USB devices or USB hubs, allows multiple USB devices like USB sticks, USB drives, card readers, printers etc. to be switched between the computers
- Speakers and microphone or headset are also switched - connected via the integrated USB Converter
- Switching is done via IR remote control or button on the switch
- Supports USB computers, game consoles with HDMI/USB including switching between DVD/BD players

32811

KVM SWITCHES EXTENDERS

KVM SWITCHES
MULTITASKING

The increasing demand for higher resolutions and better image quality leads to increasing requirements for the peripherals used for transmission. Often, it is not about implementing a simple transmission between one source and one display device, but switching between multiple transmission paths and several displays. This means switches, need to meet increasing requirements in terms of bandwidth and range.

LINDY KVM switches in all forms and applications have proven their worthiness over the decades. Regardless of whether you want to switch between two computers via VGA or connect a modern graphics workstation with high resolution, 4K capable outputs. Or whether a simple presentation application or server administration environments with hundreds of hosts. Options include a simple KVM switch for two computers that requires installation in close proximity to the workplace or having the signals transmitted across long distances between switch and computer. LINDY has many years of experience in each of these fields of application.

10 YEAR GUARANTEE

3-in-1 KVM Cable PS/2 & VGA

- VGA HD-15 pin & 2x PS/2 MD-6 male / male, 1:1
- For many LINDY KVM Switches and similar with individual VGA & PS/2 connectors
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

suitable for:

32920–32921	32925–32927	32361–32364	CPU Switch SMART	32503 & 32504	32520	39520

1m	2m	3m	5m
33711	33712	33713	33714

3-in-1 KVM Extension Cable PS/2 & VGA

- VGA HD-15 & 2x PS/2 MD-6 male/female, 1:1
- RGB as coax, DDC2,PS/2 cable ends ~8cm longer

2m	3m	5m	10m
33732	33733	33734	33736

3-in-1 KVM Cable PS/2 & VGA

- VGA HD-15 male/female & 2x PS/2 MD-6 male/male
- For older LINDY KVM Switch Classic 8, 8 port LITE and similar models
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

suitable for:

32519
32828

1m	2m	3m
33751	33752	33753

MORE KVM SYSTEM CABLES FOR LINDY CPU SWITCHES MULTIMEDIA, SUN, MAC, PC ARE AVAILABLE AT LINDY.COM

3-in-1 KVM System Cable PS/2

- 1x System VGA HD-15 and 1x VGA HD-15 & 2x PS/2 MD-6 male / male
- For LINDY KVM Switches P16, XT series, P-IP series, U series, KVM LCD terminal series with integrated KVM Switches.
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

suitable for:

39532 & 39533	32505, XT & IP model	32521 & 39521	32530 - 32531

2m	3m	5m
32506	32507	32508

2-in-1 KVM System Cable USB

- 1x System VGA HD-15 to 1x VGA HD-15 & 1x USB A male / male
- For LINDY KVM switch U series, KVM LCD terminal with integrated U series KVM switch and similar.
- RGB as coax, DDC2, USB cable end approx. 30cm

suitable for:

39532 & 39533	32530 - 32531

1m	2m	3m	5m
33530	33531	33532	33533

Adapter PS/2 USB

2x PS/2 Mini-DIN 6 pin Female / USB Type A male
PS/2 mouse and keyboard to USB port. For all PS/2 mice and keyboards.

42866

KVM SWITCH CAT-32 IP
SPACE SAVER

Because an increasing number of servers have to share a limited amount of space there is often little space left for a KVM switch. This requirement demands intelligent, high performance technology in a small package.

The KVM SWITCH CAT-32 IP solves this problem in an innovative way: 32 ports in just one height unit (1U), cascadable with up to 8 switches with a total of 256 ports. To further optimize space, the computer is connected via Cat.5e / 6 UTP cables with a length of up to 100m. This means you can place the switches far away from the computer in a different room. Nowadays system administrators also like to access the server from home or when travelling, we have also built in remote access via IP. In this space-saving way, you can always keep an eye on all your servers.

KVM Switch Combo 8/16 – 8/16 Port KVM Switch with Dual Console Access for KVM over IP

39523

39636

39524

39523

39524

- Universal model for server environments that have bothUSB and PS/2
- Dual Console: local and remote IP access option
- Cascadable without loss of ports, daisy chain bus up to 128 Servers
- Port switching via hotkey, OSD or buttons on the switch
- OSD function for password protected login, direct port selection, port status, auto scan, configuration, assigning names, name search
- Secure access for 3 User + Admin, with Access control list for users
- Rear expansion slot for KVM over IP module
- Also available as expansion module for 19" KVM LCD Terminal see pages 98–99

KVM Switch Combo 8	39523
KVM Switch Combo 16	39524
KVM over IP Access module for 39523 / 39524 (Combo 8/16 KVM Switch) and KVM Switch CAT-32 remote USB & PS/2	39636

KVM Combo Series

- For LINDY KVM Switches 39523 & 39524

System cable, USB and PS/2 signals are integrated into the VGA connector on the KVM side

System cable, USB signals are integrated into the VGA connector on the KVM side

10 YEAR GUARANTEE

	1m	2m	3m	5m
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A male / male	33770	33771	33772	33773
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A & 2x PS/2 male / male	–	33774	–	–

KVM Switch U8 – 8 Port KVM Switch with Dual Console Access for KVM over IP

- 19" 1U Dual Console KVM Switch with local console and remote console access ports
- 8 server ports, supports daisy chaining for up to 8 U series KVM switches
- Port switching via hotkey, OSD and front bezel switches
- Password and access security for up to 8 users and admin incl. access control lists
- Supports SUN and MAC and PC/USB computers via compatible KVM cables, see page 93
- Also available as 19" KVM LCD Terminal version with integrated display and keyboard, see page 98–99

KVM over IP Module
- Provides remote KVM over IP access to the U8 switch
- Slots into the back of the switch

39532

39432

KVM Switch U8 Modular	39532
KVM over IP Access Module	39432

→ details at www.LINDY.com

KVM Switch USB 2.0 Audio DVI 8 / 16 Port

39317

39318

- Modern connectivity for up to 16 servers
- Switches USB keyboard/mouse and monitor as well as USB 2.0 and audio devices - in combination or separately
- 2 USB KVM ports + 2 USB 2.0 device ports, supporting USB Hubs to share & switch further USB devices
- Port switching via keyboard hotkey or switch button

KVM Switch USB 2.0 Audio DVI 8 Port	39317
KVM Switch USB 2.0 Audio DVI 16 Port	39318

KVM Switch CAT-32 IP

KVM Switch CAT-32 also provides an expansion slot for a remote access KVM over IP module that can be installed anytime.

- 32 server ports per KVM switch in only 1 height unit, connected via affordable Cat.5e/6 UTP/STP cables and server modules to 100m
- Cat.5e/6 server modules available for PS/2 and for USB
- Up to 8 Switches cascadable
- Larger installations can also be set up by KVM over IP access to every single KVM switch (requires one KVM over IP module per KVM switch) instead of cascading KVM switches with IP

39631 with installed KVM over IP module (39636)

39636

39633

39634

Local & remote access options
- Local console connected via VGA & USB or PS/2
- KVM over IP module upgradable via expansion slot
- Also available as 19" KVM LCD Terminal integrated version, page 98–99

KVM over IP Module
Password protected https and http remote IP access, also for more remote users. Other features see www.LINDY.com

KVM Switch CAT-32 Remote USB & PS/2	39631
Cat.5e/6 PS/2 & VGA Server Module	39633
Cat.5e/6 USB & VGA Server Module	39634
KVM over IP Module for KVM Switch CAT-32 or Combo 8/16	39636

LINDY

CENTRALLY CONTROLLED

If you want to share a USB mouse and keyboard from different desktops to a single PC, you may use a LINDY VGA splitter (32571, page 71) or DVI splitter (page 64) or alternately an HDMI splitter (page 29) and a USB hub (page 158–161) and connect all devices simultaneously.

KVM SWITCH QUAD VIEW PRO

32327

32328

This new generation of KVM Switch Quad View has been developed as the perfect solution for control rooms, monitoring systems, video surveillance, etc. It integrates a professional video scaler which can control 4 computers (DVI-I and USB interfaces) from a single console (DVI monitor and USB Keyboard and Mouse). It can display video signals in different settings onto a single screen. Additionally, a second console monitor can be connected with completely different display settings.

An optional extender module (32328) can extend the primary console via Cat.5e/6 cable up to 100m, when using an additional Gigabit switches are up to 200m is even possible.

By cascading multiple switches up to 32 computers can be controlled. The user can switch between the 8 cascaded switches each with 4 computers and video signals.

- Four computers with DVI-I connectors, mouse & keyboard (USB) and audio (3.5mm stereo)
- Maximum resolution: 1920 x 1200
- 2 connections for primary and secondary console monitor
- Optional remote extender console port to 100m or 200m with Gigabit Switch
- Control and configuration via hotkeys, OSD, control buttons on the switch, RS2322

This device offers 4 different video configurations for the primary console
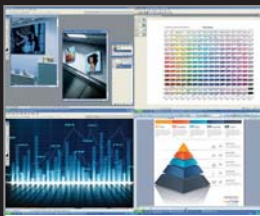
Quad View:
Displays all video signals in equally sized windows
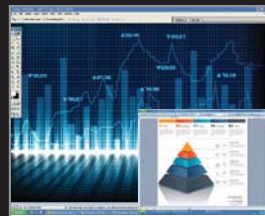
PIP View:
A source video can be displayed as a free floating image over the main video signal

PAP View:
A main window and three small side window

Full View:
Single video signal is shown

KVM Switch QUAD VIEW PRO	32327
Remote Console Extender for KVM SWITCH QUAD VIEW PRO	32328

FOR OUR HIGH END PIP VIDEO SCALER FOR 4 HDMI INPUT SIGNALS, WITHOUT KVM FUNCTION, PLEASE SEE PAGE 34, 38130.

KVM SWITCHES EXTENDERS

19" KVM LCD Terminal Basic, Single Rail

- LCD and keyboard are always pulled out together
- LCD monitor 1280 x 1024 / 17", scales up to 1600 x 1200
- USB keyboard and touchpad
- Can be combined with many stand alone KVM Switches
- Further features see www.LINDY.com

DE	IT	FR	CH	US	PT
21730	21731	21732	21734	21735	21736

➤ FULLY MODULAR

the choice is yours:
- With 17" or 19" LCD display
- Integrated KVM switch (8 or 16 port) available)
- Integrated KVM over IP remote access module available
- Classic as single rail version
- Pro as dual rail version
- PRO Full HD as dual rail version

19" KVM LCD Terminal PRO, Dual Rail

- With or without integrated 8/16 port KVM switch, or also available with KVM over IP remote access module
- Keyboard/Touchpad and LCD can be pulled out separately
- The LCD can be flipped up without pulling the keyboard drawer out of the rack. LCD stays visible even when the cabinet doors are closed.
- 19" keyboard & LCD drawers with double ball bearing telescopic rails
- Only 1U, modular expandable with KVM Switch
- 17" or 19" LCD, 1280 x 1024

21620

without KVM switch

with 8 port KVM (39530)

with 16 port KVM (39531)

	DE	IT	FR	CH	US
17" LCD PRO, without KVM	21612	21613	21614	21616	21617
19" LCD PRO, without KVM	21620	21621	21622	21624	21625

For models with integrated KVM Switch, please order separately or see next page

17" LCD PRO Full HD USB 2.0, Dual Rail

- LCD monitor 1920 x 1080 DVI & VGA can be used
- USB 2.0: 2 front ports, integrated hub
- USB 2.0 and DVI features on direct computer connection or connecting via standalone USB 2.0 & DVI KVM switch
- 39317 / 39318, see page. 96

Full HD 1080p

PRO Full HD USB 2.0 – without KVM Switch

DE	IT	FR	CH	US
21690	21691	21692	21694	21695

19" KVM LCD Terminal Classic, Single Rail

19" drawer with 17" LCD monitor, touchpad & keyboard. Upgradable with modular 8/16 port KVM switch und upgradable with IP remote access module.
- LCD and keyboard are always pulled out together
- LCD monitor 1280x1024 / 17" (SXGA, analog, HD15)
- Further features see www.LINDY.com

	DE	IT	FR	CH	US
17" LCD PRO, without KVM	21 606	21 607	21 608	21 610	21 611

Models with integrated KVM Switch: Please order the switch separately, see below.

KVM Switch Expansion & Remote Access

- KVM Switch U8C/U16C provides an 8 or 16 port expansion to the LCD Terminal and is PS/2 & USB compliant, cascadable to 128 servers
- KVM Switch Combo 8C, 8 Port Version is USB & PS/2 compatible, cascadable to 120 servers
- In comparison to the regular U8/U16 port KVM switches the U8C/U16C models do not provide front bezel switching access & display
- CAT-32C KVM module with 32 Cat.5 ports for connecting up to 32 servers, cascadable. Details at www.LINDY.com
- They connect to the LCD terminal via CN36 connection and use the same power supply
- Further details and KVM system cables on page 93 or www.LINDY.com
- Only to expand the LCD Terminals Classic and PRO (not for BASIC)

back view 39530

back view 39531

back view 39525

back view 39635

KVM Switch U8C, 8 Port KVM Expansion Module	39 530
KVM Switch U16C, 16 Port KVM Expansion Module	39 531
KVM Switch Combo 8C, 8 Port KVM Expansion Module	39 525
KVM Switch CAT-32C, 32 Port Cat.5 KVM Expansion Module	39 635

Remote KVM over IP expansion module for KVM switches

- Slot-in module for the U-series KVM switches
- Detailed features at www.LINDY.com

8/16 Port KVM Switch Modular Expansion Slots

39531 with KVM over IP Module, 39432

39 432

FOR KVM SWITCHES AND REMOTE ACCESS MODULE FEATURES, SEE PAGES
95–96

... latest products at LINDY.com

KVM – SWITCHES – EXTENDERS

MC5 and MC5-IP Cat.5 KVM Switches

32368

Digital access to analog local KVM server clusters.
The latest in KVM technology.

Multi user - up to 4 simultaneous users
- One user console is a local port at the KVM switch, i.e. server room for maintenance
- 32368 MC5-IP: One user console as a remote access KVM over IP port for access via LAN, Intranet or Internet (instead of the third Cat.5 user console port)
- 32367 MC5: Three Cat.5 remote access user console ports via RJ45 cable. For connection of three C5 user stations with up to 300m.

Up to 24 servers connected via Cat.5e/6
- 24 servers can be connected via UTP/STP cable
- Computer connection via Cat.5 Computer Access Module (CAMs) available in 5 different versions (see below): with or without audio support, for VGA and PS/2 or USB
- CA Modules can be connected using up to 15m UTP/STP cables

32367, with KVM over Cat.5

32368, with KVM over IP

32365
Local & Cat.5 User

32369
Local & KVM over IP User

KVM-Switch MC5 – 4 Simultaneous Users – 24 Servers	32367
KVM Switch MC5-IP – 4 Simultaneous Users incl. IP – 24 Servers	32368
Redundant Second Power Supply	39368

KVM-Switch SC5, Dual Access: lokal & C5 – 16 Server	32365
KVM-Switch SC5-IP, Dual Access: lokal & IP – 16 Server	32369
19" Rack Mount Kit available upon request	

32365 & 32369
back view

32357
Front & back view
C5 User Station USB

32358
Front & back view
C5 User Station Pro-300

39351

39352

39353

39354

39355

39356
Front & back view
C5 User Station USB-300

39357
Front & back view
C5 User Station USB

|	
C5 User Station Junior (PS/2 & VGA)	32357
C5 User Station Pro-300 (Audio, PS/2 & VGA HiRes long distance)	32358
C5 User Station USB (USB-HID & VGA)	39357
C5 User Station USB-300 (USB-HID, VGA & Audio, 300 m)	39356

MC5 Module PS/2 & VGA	39351
MC5 Module USB & VGA	39352
MC5 Module PS/2 & VGA & Audio CD Stereo Quality	39353
MC5 Module USB & VGA & Audio CD Stereo Quality	39354
MC5 Module SUN MD-8 & VGA & Audio CD Stereo Quality	39355

WHICH EXTENDER DO I NEED?

1. What distance is required?
2. What signals have to be transmitted: PS/2, VGA, USB, RS232, Audio, ...?
3. Do you need digital signals: DVI-D, HDMI, USB?
4. Do you want a local workstation besides the remote KVM access with the ability to switch between both on demand?
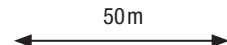
Short distances up to 15m
Use Premium LINDY cables - no extender required - for USB use LINDY active extension cables.
Suitable LINDY cables can be found in the cable chapter starting on page 200.
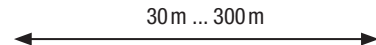
15m
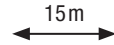
Distances up to 50m
Use LINDY Premium or Premium GOLD cables in combination with a signal extender
(i.e. as below for PS/2) or one of the USB KVM extenders on the following pages.

50m

30m ... 300m

Distances up to 300m
Starting at 30m, Cat.5 Extenders are recommended.

KVM over IP: worldwide KVM access, www & LAN, dial up
Access servers worldwide and save time and travel expenses!
Access servers at your customers locations from great distances,
regardless of the time. The only requirement is a high bandwidth link for daily work.
Slow connections reduce the performance and usability of KVM over IP.

Cat.5 Extender USB HID Keyboard & Mouse

Sends keyboard and mouse signals over distances up to 300m
- Connect the transmitter and receiver using inexpensive UTP or STP cable
- Active extender, receiver with power supply (included)
- Only for use with standard keyboard & mouse

32686

Cat.5 Extender PS/2 Keyboard & Mouse

Sends keyboard and mouse signals over distances up to 100m
- Passive extender
- The connection between receiver and transmitter is made by inexpensive UTP or STP RJ45 cable at the required length

32685

USB 2.0 Cat.5 Extender 50m Classic, 1Port

- Supports one USB 2.0 device or a hub over a distance of up to 50m
- Supports USB 2.0 Hi-Speed and USB 1.1 Full Speed/Low Speed
- Supplied with multi-country power supply

42693

Cat.5 VGA Extender 300m

- Transmits VGA signals over Cat.5e / 6 Cable
- Quick and easy to install
- Supports 1920x1200 up to 300m

32540

Cat.5 VGA Extender passive

- Transmits VGA signals over Cat.5e cable
- Easy installation
- Supports the following distances: 100m @ 640x480, 75m@800x600, 50m@1024x768, 30m@1280x1024
  Note: When connecting LCD/TFT monitors, please use shielded RJ45 cables

37571

DVI Cat.5 Extender active

- DVI signals via flexible Cat.6/6A RJ45 cable
- Active Extender with repeater 1920x1200 @ 60Hz up to 50m with Cat.6a S/FTP cable

38300

KVM – SWITCHES – EXTENDERS

KVM IP Access Switch Classic

Access your KVM switches and servers in your branch offices or at your customers' worldwide via the Internet.

- Operation and administration via browser
- BIOS level access to the servers
- Up to 155 user and admin accounts can be defined
- USB Virtual Media support: emulates a local drive at the IP user as a virtual drive on the accessed computer
- Further details see www.LINDY.com

For USB or PS/2
mouse and keyboard

39414

KVM Extender C5 Series Modular

3 YEAR GUARANTEE

Free combination of user stations with computer modules. Select between the different options:

- PS/2 or USB HID support for mouse and keyboard
- PRO-300 models for premium VGA quality up to 1600 x 1200 even at 300m
- Audio line signal support with stereo CD quality

up to 300m

MC5 User Station Junior (PS/2 & VGA)

- PS/2 and VGA
- 1600x1200 up to 75m, up to 1280x1024 at 200m

32357

MC5 User Station PRO-300 (Audio, PS/2 & VGA, 300m)

- PS/2, VGA and Audio CD Stereo
- up to 1600x1200 at 300m

32358

MC5 User Station USB (USB-HID & VGA)

- USB HID (mouse & keyboard) and VGA, 1600x1200 up to 75m, or 1280x1024 up to 200m.
- With integrated KVM Switch, for adding a local workstation (via another MC5 CAM)

39357

MC5 User Station USB-300 (USB-HID, VGA & Audio, 300m)

- USB HID (mouse & keyboard), Audio and VGA 1600x1200 up to 300m.
- With integrated KVM Switch, for adding a local workstation (via another MC5 CAM)

39356

MC5 Computer Module PS/2 & VGA

- PS/2 and VGA
- Length ~ 25cm

39351

MC5 Computer Module USB & VGA

- USB-HID, VGA and audio
- CD stereo quality
- Length ~ 25cm

39352

MC5 Computer Module PS/2, VGA, Audio

- PS/2, VGA and audio
- CD stereo quality
- Length ~ 25cm

39353

MC5 Computer Module USB, VGA, Audio

- USB-HID, VGA and audio
- CD stereo quality
- Length ~ 25cm

39354

MC5 Computer Module SUN MD-8, VGA & Audio

- MD-8 keyboard & mouse, VGA and CD stereo quality audio
- Length ~ 25cm

39355

LINDY

Cat.5 KVM Extender Combo 300 PS/2, USB & VGA

Transmitter
front & back

Receiver
front & back

- Cat.5 Extender for VGA and USB keyboard & mouse. With electronic image enhancement for RGB skew delay compensation, brightness and sharpness.
- At the transmitter an integrated KVM switch allows for local console access to the server or KVM switch
- At the receiver another KVM switch allows to connect a local user's workstation. Switching is via keyboard hotkey
- Maximum resolution typically up to 300m at 1920x1200
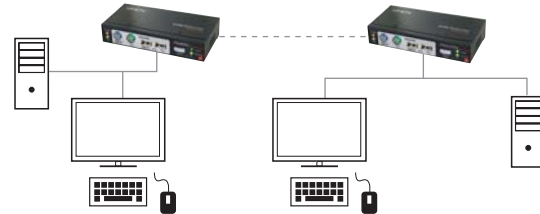
39378

Cat.5 KVM Extender Dual Head VGA & Audio

Transmitter
front & back

Receiver
front & back

Supports two VGA monitors and USB mouse and keyboard for distances up to 200m
- Connection via two inexpensive RJ45 Cat.5e/6 cables
- Transmitter with monitor ports to connect a local console
- Interface connections for two VGA monitors, USB mouse, keyboard and stereo speakers on the receiver
- Supports VGA signals up to 1600x1200 at distances up to 200m
- 2x KVM system cable for transmitter to PC connection included

39396

VGA Skew Compensator for Cat.5 Extender

Compensates for image distortion when using Cat.5 extenders
- Improves video quality for large distances
- May extend the maximum distance of extenders to 300m
- Compensates RGB image distortions introduced by using Cat.5 cable
- Color distortion removal

32766

KVM – SWITCHES – EXTENDERS

HDMI & KVM OVER GIGABIT EXTENDER
ALMOST LIMITLESS

Smart and innovative solutions in KVM, AV and networking have always been our strength. We have offered these technologies since their inception and consequently, have decades of experience. But, if you do not want to install a separate cable for every extender, new ideas are needed. Using existing wiring is one solution.

KVM/Extender and IP/network technology, once strictly separated from one another, are growing ever closer together. Existing network cable infrastructrue can be used for AV, KVM and Signage purposes. The LINDY HDMI KVM OVER GIGABIT EXTENDER uses the fact that network structures are distributed building-wide these days. This allows simple point-to-point connections as well as complex one-to-many signage solutions. The LINDY HDMI KVM OVER GIGABIT EXTENDER installation can be made Individually and to fit the specific needs of each application, thanks to the future-proof synthesis between KVM and network technology.

100m C6 HDMI 4K & USB 2.0 Extender with HDBaseT 2.0

NEW

4K ULTRA HD HDMI 2.0 HDCP 2.2

Transmitter front & back   Receiver front & back

- Supports high resolution HDMI 2.0 signals up to 4K60 with distances of up to 100m
- Supports 4K at 60Hz and 3D
- Supports DisplayPort and DVI-D, see website
- Connection via dedicated Cat.6 cable up to 100m – **Not for network**
- Supports IR remote control signals, RS232, USB 2.0, stereo and digital audio, ethernet and PoH
- USB 2.0 for asynchronous USB devices (no webcams, etc.)

38209

100m C6 HDBaseT 2.0 Extender Pro PoH

38202 Transmitter

4K ULTRA HD HDMI 2.0 HDCP 2.2

38201 Receiver

- Extender with HDBaseT 2.0 certification
- Supports HDMI, DisplayPort and DVI-D up to 4K, see website
- Connection via dedicated Cat.6 cable up to 100m – **Not for network**

Transmitter:
- Input: HDMI, stereo analog & audio digital, Ethernet, IR, RS232
- Output: HDBaseT 2.0, IR, USB 2.0, audio digital
- USB 2.0 only for asynchronous USB devices (no webcams etc.)

Receiver:
- Input: HDBaseT 2.0, IR, 2x USB 2.0, audio digital
- Output: HDMI, stereo analog & audio digital, Ethernet, IR, RS232
- Power only via PoH

HDMI 2.0 C6 Extender with HDBaseT 2.0 Transmitter	38202
HDMI 2.0 C6 Extender with HDBaseT 2.0 Receiver	38201

Cat.6 KVM Extender Classic HDMI USB Audio 50m

Transmitter, front & back   Receiver, front & back

Transmits HDMI Full HD 1080p and 3D Blu-ray in full resolution and quality including USB mouse and keyboard.
- Up to 50m and Stereo audio, Analog audio via 3.5mm connectors
- Connection via RJ45 Cat.5e/6 cable
- Optional second console with HDMI Monitor, mouse and keyboard on the transmitter
- HDMI 1.4 compatible, supports resolutions up to 1920 x 1080, including digital audio, HDCP and 3D
- Supports USB mouse and keyboard signals

39371

Dual Head HDMI Cat.6 KVM Extender USB 150m

Transmitter, front & back   Receiver, front & back

Extends KVM signals (2 x HDMI & USB keyboard & mouse, stereo audio, IR & RS232) over two Cat.6 STP cables at distances of up to 150m
- Supports HDMI 1080p60 at up to 150m, HDCP and DVI-D up to 1920x1200
- Supports HDMI including digital audio, no 3D

39372

HDMI & KVM over Gigabit Extender

38066 front & back

38067 front & back

- Digital KVM Extender for HDMI, USB, RS232 and IR signals over Gigabit
- Also as a multi-broadcast system
- Supports high resolution graphics and smooth video playback
- Transmission over a dedicated Cat.6 cable up to 100m or via Gigabit Ethernet
- Transmitter and Receiver available separately

HDMI & KVM over Gigabit Extender Transmitter	38066
HDMI & KVM over Gigabit Extender Receiver	38067

KVM – SWITCHES – EXTENDERS

KVM Extender DisplayPort 1.4 & USB 2.0 Fiber Optic, 200m

NEW

Transmitter, front & back

Receiver front & back

- Transmits DP 1.4 and USB 2.0 signals over MPO/MTP Fiber Optic cable up to 200m
- Supports highest DP resolutions with MST support
- Lossless transmission in real time
- Supports USB 2.0 devices except isochronous data transfers, some incompatibilities may occur

39 380

Cat.6 KVM Extender Classic DVI USB Audio, 50m

This KVM Extender transmits DVI-D Single Link and HDMI signals with resolutions up to 1920 x 1200 without quality loss over distances of up to 50m. USB signals are also supported.
- Connection via RJ45 cable Cat.6 UTP (44 46x series)
- DVI-D Single Link, DVI 2.0 compatible, supports digital DVI-D resolutions up to 1920 x 1200
- DVI-D and HDMI support, including audio, HDCP and 3D
- Supports USB devices and data rates up to USB 2.0/1.1 Full Speed 12Mbit/s.
- Built-in USB audio adapter for connecting speakers, microphone and line-in
- Easy to use and install - no software installation

Transmitter, front & back

Receiver front & back

39 377

KVM Extender DVI-D & USB Fiber Optic 1000m or 5000m

39395

Transmitter, front & back

Receiver, front & back

39399

Transmitter, front & back

Receiver front & back

39379

Transmitter, front & back

Receiver front & back

Transmits DVI-D including IR, USB mouse and keyboard input signals up to 1000m or 5000m
- DVI-D Single Link up to 1920 x 1200
- Supports USB mouse and keyboard (only basic functions) as well as USB or PS/2 interface to the PC
- IR remote control signals via optional IR kit 38006
- Extends via FO cable:
– **39 399, 39 395:** Multi-mode 50/125µm SC Duplex FO cable up to 1000m
– **39 379:** Single-mode 9/125µm LC-Duplex FO cable up to 5000m

KVM Extender Dual Head DVI-D & USB Duplex SC Multi-mode 1000 m	39 395
KVM Extender DVI-D & USB Duplex SC Multi-mode 1000 m	39 399
KVM Extender DVI-D & USB Duplex LC Single-Mode 5000 m	39 379
Infrared Kit	38 006

LINDY

Cat.6 KVM Extender DVI & USB 2.0 Family with Matrix Switching Function

This product family of KVM extenders for DVI-D and USB 2.0 signals has been improved in 2015. KVM matrix switching function and support for transmission of KVM signals via a Gigabit Smart Switch as well as switching between different transmitters in the KVM network has been added. The new switching function including mass storage, VGA, audio and RS232 can be unlocked via a paid activation code. This product family will continue to function as high quality KVM extenders even without the additional paid features.

Transmitter (TX, source computer) and receiver (RX, user console) are available separately and can be combined. Existing units purchased can be upgraded with switching functionality via a simple firmware update. Additional options for the RX units can be purchased which then automatically updates TX units once connected. All receivers in a matrix switching network must have the same firmware and purchased options for proper functionality. The following options are available for unlocking:
09220: Mass Storage, **09205:** Audio, **09206:** VGA, **09208:** Matrix Switching.

KVM Extender for DVI-D and USB Signals
- Supports DVI-D up to 1920 x 1200, digital transmission without loss in quality
- DVI compatible, no support for HDCP or HDMI audio
- Remote console includes 4 USB ports, transparent USB 2.0 support
- USB 2.0 support for almost all USB devices except USB 2.0 sticks and drives (mass storage protocol)
- USB 2.0 Mass Storage support available as unlockable paid feature

Base Model Cat.6, up to 130m or via switch

- Connection via Cat.5/6 cable up to 130m, auto adjustment based on electrical properties of the cable
- Up to 2x 130m when using via a Gigabit switch
- DVI compatible, no support for HDCP or HDMI audio, HDMI/DVI cable included
- Supports only the following functions: Matrix Switching, Mass Storagee

39200: Transmitter   39202: Receiver
front & back

Cat.6 KVM Extender DVI & USB 2.0, Cat.6 Transmitter (universal)	39200
Cat.6 KVM Extender DVI & USB 2.0 without Mass Storage support, Cat.6 Receiver	39201
Cat.6 KVM Extender DVI & USB 2.0 with Mass Storage support, Cat.6 Receiver	39202

Base Model Cat.6, up to 130m or via switch, with unlockable options

- Connection via Cat.5/6 cable up to 130m, auto adjustment based on electrical properties of the cable
- Up to 2x 130m when using via a Gigabit switch
- Supports the following functions: Audio, VGA, Matrix Switching, Mass Storage, (RS232)

39210: Transmitter   39211: Receiver
front & back

Cat.6 KVM Extender DVI & USB 2.0, Cat.6 Transmitter (universal)	39210
Cat.6 KVM Extender DVI & USB 2.0 without Mass Storage support, Cat.6 Receiver, no unlockable options	39211
Cat.6 KVM Extender DVI & USB 2.0 with Mass Storage option unlocked, Cat.6 Receiver	39212
Cat.6 KVM Extender DVI & USB 2.0 without Mass Storage with Audio option, Cat.6 Receiver	39213
Cat.6 KVM Extender DVI & USB 2.0 with Mass Storage and Audio option unlocked, Cat.6 Receiver	39214

Base Model Fiber Optic, up to 20km, with unlockable options

- Connection via duplex LC up to 500m, SFP module changeable for up to 20km distances
- Supports the following functions: Audio, VGA, Matrix Switching, Mass Storage, (RS232)
- Optional KVM Matrix Switching via Gigabit switch

39240: Transmitter   39241: Receiver
front & back

Fiber Optic Duplex LC KVM Extender DVI & USB 2.0 Transmitter (universal)	39240
Fiber Optic Duplex LC KVM Extender DVI & USB 2.0 Receiver, no unlockable options	39241

KVM – SWITCHES – EXTENDERS

NETWORKING – LAN
SECURITY

SIMPLY ACCESS OUR IPOWER PRODUCTS VIA BROWSER, ANDROID & IOS APPS.

... available on Google Play and App Store under "LINDY-Control"

IPower Control Plus

LEARN MORE →52

- Switch access via browser, LINDY Control App, power meter integrated
- Temperature or humidity sensor connector for e.g. 32648 or 32640 (round connector)

32672

IPower Control 4 DIN

- Switch access via browser, LINDY Control App or RS232 with various switching options
- For mounting on EN 50022 compliant DIN rails
- 4 terminal ports, potential-free, max. 16A per channel

32650

IPowerStrip 4

NEW

- 4x schuko female, individually switchable via browser, LINDY Control App
- SNMPv1, SNMPv2c (gets and traps), Syslog
- Input for temperature and humidity sensor
- Suitable for 19" mounting

32661

IPowerMeter – over IP

For monitoring electrical devices over a TCP/IP network.
Available with 7 Schuko or with 8 IEC 320 C14 outlets.
- Measures current, voltage, phase angle, power factor (PF), frequency, active power, apparent power and reactive power
- Two display counters: continuous operation, other can be resetted
- Easy and flexible configuration via browser, including Windows or Linux software
- Optional control via command line tool (e.g. data query)

32711

32712

IPowerMeter 7x Schuko	32711
IPowerMeter 8x IEC	32712

Sensors for IPower Control & IPowerStrip

- With PS/2 type round (Mini DIN 6) or RJ11 connector
- 32648: For IPower Control model 8, Strip4 or Plus models
- 32649: For model 2x6

32648

32649

Temperature Sensor for IPower Control – round plug	32648
Temperature Sensor for IPower Control 2 x 6 - RJ11	32649
Other sensors also available upon request	

LINDY

IPower Control 8 & 2 x 6

LINDY CONTROL

32652

32660

32690

32660 & 32690

- Output: 8 or 2x6 IEC 320 C14 connectors, individually switchable
  via IP access via browser or LINDY Control App or RS232
- Measurement of various electrical data
- Switch access via browser, LINDY Control App or RS232
  with various switching options
- Watchdog function to monitor devices connected via ICMP / TCP
- SNMP and Syslog supported and SNMP Traps
- Sensor input for temperature and humidity sensors

IPower Control 8	IPower Control 2 x 6 M	IPower Control 2 x 6 XM
▪ 1 input – 8 outputs	▪ 2 inputs each with 6 outputs	▪ 2 inputs each with 6 outputs
▪ Integrated power meter per input	▪ Integrated power meter per input	▪ Integrated power meter per input and per output
32652	32660	32690

IPower Control Classic 8 / 16

32657

32658

Switches the power of up to 8 or 16 computers, routers, LAN
switches, access points or other electric devices.
The ports can be switched individually, in groups or together.

- Configurable via browser or included configuration software
- Integrated power meter

IPower Control Classic 8	IPower Control Classic 16
▪ 1 input – 8 outputs	▪ 1 input – 16 outputs
▪ Integrated power meter per input	▪ Integrated power meter per input
32657	32658

WLAN Audio & Video Projector Server

32 697

Wirelessly connect PCs, notebooks,
smartphones & tablets to a projector or LCD TV

32 697:
- Compact version, directly connect to VGA port
- Resolution: VGA up to QXGA 2048 x 1536

32 702:
- Resolution: HDMI up to Full HD 1920 x 1080 / VGA up to 1600 x 1200

WLAN 11N VGA Projector Server Compact	32 697
WLAN 11N HDMI & VGA Projector Server Audio & Split-Screen	32 702

WHDI Extender for HDMI Signals, Full HD

- Send uncompressed HDMI WLAN/WiFi
- For high resolution graphic images and smooth video playback
- Supports Full HD 1080p, 3D, HDMI 1.4 with HDCP and CEC
- WHDI 5 channel MIMO technology in 5 GHz range up to 30 m
- Transmitter with 2 HDMI inputs, switchable

38 125

HDMI over IP Extender & Distribution System

Transmitter   Receiver

- HDMI Full HD 1080p via ethernet
- HDMI Full HD 1080p and HDCP compatible (no 3D)
- Supports 1:1 connection, 1:n and n:n distribution
- Connection via fast ethernet up to 3 levels or via dedicated Cat.6 cable up to 120m - use a dedicated network or a port based VLAN
- Supports IR remote control signals

HDMI over IP Extender & Distribution System: Transmitter & Receiver	38 126
HDMI over IP Extender & Distribution System: Receiver	38 129

HDMI & KVM over Gigabit Extender and Digital Signage Broadcast System

Transmitter   Receiver

38 066   38 067

- Supports transmission of HDMI, USB, RS232 and IR signals
- Supports 1:1 and 1:n configurations
- Both for high resolution graphics as well as for smooth video playback
- Supports Full HD 1080p, HDMI 1.3, HDCP and DVI-D up to 1920x1080 (1920x1200 not supported)
- USB support for asynchronous devices, not for USB mass storage, webcams or printers

HDMI & KVM over Gigabit Extender Transmitter	38 066
HDMI & KVM over Gigabit Extender Receiver	38 067

LINDY

LINDY OVER IP SOLUTIONS

VDSL / LTE

Internet

IPower Control or
IPowerSwitch

Display/KVM over
Gigabit Extender
Transmitter

HDMI over IP
Extender

Ethernet LAN

USB 2.0 Gigabit
Network Server 4 Port

USB
HDD
Enclosure

RS232 over IP

Display/KVM over Gigabit
Extender Receiver
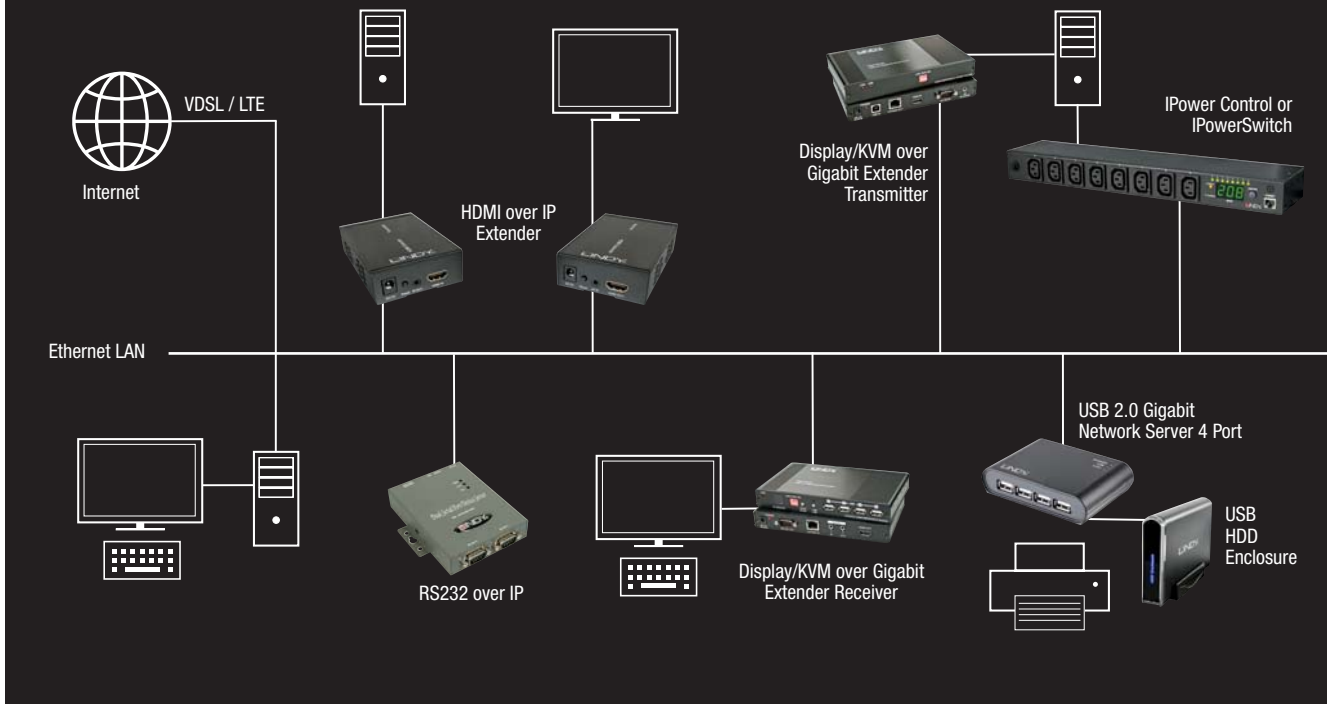
USB 2.0 over Gigabit Server, 4 Port

- USB gigabit server for storage, printers, webcams etc.
- Provides four high speed USB 2.0 ports
- 1x RJ45 10/100/1000 network connection
- Supports Windows

	42633

DCF77 Radio Clock

20981

20984

Receives time and date signal from the DCF77 transmitter
station near Frankfurt within a radius of 1500km.
- 20981: compatible with Windows, DOS, OS/2 and Linux
- 20984: for Windows and Linux

Radio Clock RS232	20981
Radio Clock USB	20984

Network Time Server

- Stand-alone NTP-Server
- Reception of the DCF77 signal within a radius of about 2000km of Frankfurt
- Easy configuration via web interface
- Real time clock with battery backup
- Long wave quality rod antenna included with 5m cable

	20988

Industrial Switches and Media Converters for Electrical Cabinet

8 Port Industrial Switch 10/100Mbit/s

- 8 RJ45 Ports 10/100Base-Tx
- Link/Activity, Full Duplex/Collision
- Relay contact for failure detection
- Two redundant power inputs 12-48V DC
- Power consumption: 4 watt
- Overvoltage protection, reverse polarity protection
- Protection class IP30

25070

5 Port Industrial Switch 10/100Mbit/s (Flat Assemby)

- 5 RJ45-Ports 10/100Base-Tx
- Link/Activity, Full Duplex/Collision
- Relay contact for failure detection
- Two redundant power inputs 12-48V DC
- Power consumption: 4 watt
- Overvoltage protection, reverse polarity protection
- Protection class IP30

25072

8 Port Gigabit Desktop Switch Premium Metal

LEARN MORE → 50

- 8 Port RJ45 10/100/1000Base-T Gigabit switch premium
- Rugged metal housing for use in harsh environments
- Silent - without noisy fans for cooling

25045

PoE - Power over Ethernet - active

- Supply data & power over a single Cat.5 cable
- Input: 100-240V AC 50/60Hz 0.8A
- Output: 48V DC 15.4W (max)
- Complies with IEEE 802.3af for PoE
- Can be used with UTP or STP cabling

25052

Passive PoE Cable set 10/100

- Can be used for network devices, that require 9V....57V power
- DC power jacks: 5.5/2.1mm

34025

RS232 / RS422 / RS485 – Interface via IP

IP serial servers provide 2 or 4 serial RS232, RS422 or RS485 ports via IP.

25104 & 25105:
The included software installs virtual COM ports on the Windows PCs, that are capable of redirecting output to the IP serial server via your network, where the signals can be processed by the serial ports. Serial ports for machine controls, eletronic scales, warehouse automation controls, medical applications, out-of-band management etc.

- Ethernet port with 10/100Mbit/s
- The serial port type can be set to RS232, RS422 or RS485
- Configuration either by: Windows software, Telnet, VT-100, Virtual Com server software (included)

25104

25105

- Serial port (RS232) D9 connector
- Ethernet 10/100Mbit/s,
- Auto MDI/MDIX
- Configurable via web browser
- Baud rate up to 921.6 kbit/s
- DIN rail mounting

42721

IP Serial Server 2 Port	25104
IP Serial Server 4 Port	25105

LINDY

USB WiFi Adapter 11n

WiFi adapter for 802.11n networks with
very small housing (30x14x7mm) and
only 2 grams weight
- Compatible with IEEE802.11n up to 150Mbit/s
- Supports configuration via WPS
- Dimensions: 20 x 14x9mmm

52059

USB WiFi Adapter 11ac 433Mbit/s

- Supports IEEE 802.11ac (433Mbit/s) and
  802.11n (150Mbit/s), compatible with 802.11a/b/g/n/n
- Frequency band: 5GHz or 2.4GHz (Dualband)
- Supports configuration via WPS (Wi-Fi Protected Setup)
- Range: up to 300m outdoor / up to 100m indoor

52054

USB Bluetooth 4.0 LE Dongle

- V4.0 IVT 7.0 Class 2
- Supports BT Low Energy

52214

2.4GHz WLAN/WiFi Indoor Antenna

- Connector cable: 1m, with RP SMA connector
- Suited for wall or ceiling mounting

- **52109 –** Omni-directional Indoor Antenna 2.4GHz, 7dBi
- Distribute your WLAN/WiFi signal across a central point
- Antenna gain ~7dBi
- Height ~30cm

- **52111–** Directional Antenna 2.4GHz 8dBi
- Ideal for directional transmission in a fixed direction
- Angle of radiation: horizontal ~60°, vertical ~110°
- Antenna gain ~8dBi
- Height ~15cmm

52111

52109

Omni-directional Indoor Antenna 2.4GHz, 7dBi	52109
Directional Indoor Antenna 2.4GHz, 8dBi	52111

## WLAN Outdoor Antenna Cable

- Waterproof, weatherproof
- Connector for external antenna:
  N connector
- Connector for wireless device:
  SMA male connector
- Cable impedance 50 Ohm

	1m	2m	3m	5m	10m
N male to SMA-RP male	35581	35580	35582	35584	35586

WLAN/WiFi Antenna Extension Cable

- Extension cable SMA-RP
  male - female
- Transparent:
  ~1.8mm Ø, RG178B/U
- Black:
  ~5mm Ø, weatherproof,
  CFD-200 NL
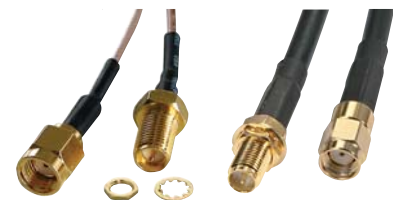
	1m	2m	3m	5m	10m
Transparent	35579	35575	–	–	–
Black	–	35600	35601	35602	35603

- Adapter Cable to Mini-HF-BNC connector
- For WLAN/WiFi routers, modules and access points,
  adds or replaces cables with (fixed) antenna
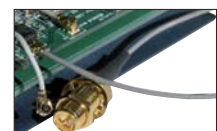
	0.15m	0.5m
Adapter cable SMA-RP (ext.) to Mini-HF-BNC (internal, angled)	35590	35591

NETWORKING – LAN

Media Converters

Simple way of connecting twisted pair cabling to Fiber Optic networks

NEW

NEW

Fiber Optic Connector	SC-Duplex, Multi-Mode	ST-Duplex, Multi-Mode	SC-Duplex, Multi-mode
Network Standards Cu	IEEE 802.3, 10/100Base-TX	IEEE 802.3, 10/100Base-TX	IEEE 802.3ab, 1000Base-T
Network Standards FO	IEEE 802.3u, 100Base-FX	IEEE 802.3u, 100Base-FX	IEEE 802.3z, 1000Base-SX
Max. distance (Fiber Optic)	up to 2 km	up to 2 km	up to 550 m
	25118	25117	25092

Fiber Optic Connector	LC, Multi-Mode	LC, Multi-Mode
Network Standards Cu	IEEE 802.3, 10/100Base-TX	IEEE 802.3ab, 1000Base-T
Network Standards FO	IEEE 802.3u, 100Base-FX	IEEE 802.3z, 1000Base-SX
Max. distance (Fiber Optic)	up to 2 km	up to 550 m
	25115	25116

Hook & Loop Cable Ties, 10 pcs
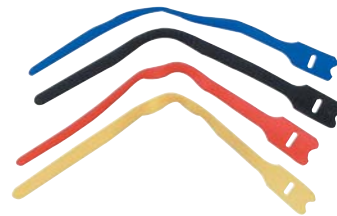
40767–40783

40791–40798

	Black	Red	Yellow	Blue	Purple
17.5 cm	40767	40768	40769	40775	40783
20 cm	40791	–	–	–	–
30 cm	40795	40796	40797	40798	–

Fiber Optic SC Coupler

- Multi-mode
- Metal Ferrule
- Duplex
- Plastic housing

70463

LINDY

SFP / Mini-GBIC Module Type LC

- Gigabit Ethernet LC Duplex Transceiver
- Compatible with most Gigabit Ethernet switches with Mini-GBIC/SFP
- **25015:** 1000Base-SX, Multi-mode, 550m
- **25029:** 1000Base-LX, Single-mode, 5000m

Mini-GBIC Modul LC 1000Base-SX, Multi-mode 500m	25015
Mini-GBIC Modul LC 1000Base-LX, Single-mode 5000m	25029

Gigabit Media Converter with SFP Slot

NEW

- SFP slot compatible with 100/1000Base-SX / LX (multi-mode and single-mode)
- MiniGbic / SFP modules
- Standard (RJ45, electrical): IEEE 802.3 (10/100BaseTX) and IEEE802.3ab (1000BaseT)
- Maximum fiber optic cable length: 200m to 10km, depending on installed SFP module

	25125

SFP+ 10Gbit/s Module

- 10G Ethernet compatible - not for 1GbE
- Duplex LC connector
- Compatible with all SFP + module slots

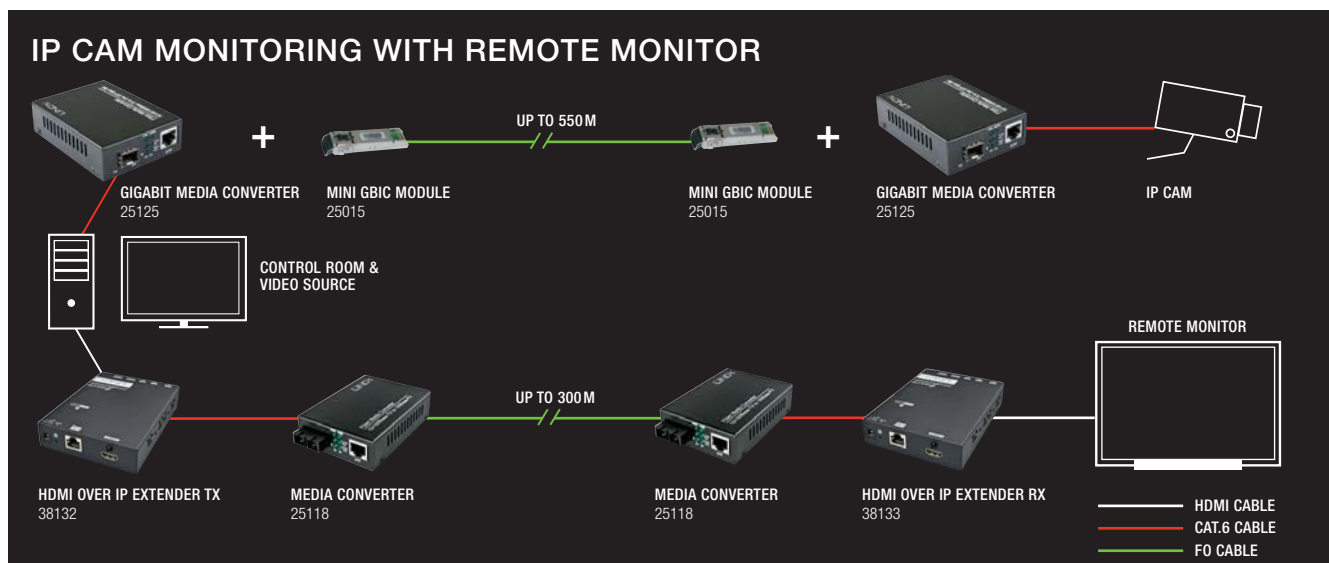**NEW** 25037   **NEW** 25038

Multi-mode 10G SFP+ SR Module	25037
Single-mode 10G SFP+ LR Module	25038

▶ 10G SFP + SR and LR modules - Explained:

SFP+ is the name of the form factor of the media converter module

SR stands for "short range" with 10 Gigabit solution for distances up to 300m via multi-mode OM3 cable or 400m via OM4 cable

LR stands for "Long Range" with 10 Gigabit solution for distances up to 10km via single-mode cable

IP CAM MONITORING WITH REMOTE MONITOR

+ UP TO 550M +

GIGABIT MEDIA CONVERTER
25125

MINI GBIC MODULE
25015

MINI GBIC MODULE
25015

GIGABIT MEDIA CONVERTER
25125

IP CAM

CONTROL ROOM &
VIDEO SOURCE

REMOTE MONITOR

UP TO 300M

HDMI OVER IP EXTENDER TX
38132

MEDIA CONVERTER
25118

MEDIA CONVERTER
25118

HDMI OVER IP EXTENDER RX
38133

— HDMI CABLE
— CAT.6 CABLE
— FO CABLE

Fiber Optic Duplex Cable, Multi-mode

- Multi-mode diameter core/shell: 50/125 or 62.5/125µm, OM2, OM3 or OM4 version
- Zip twin cable, halogen-free
- Maximum insertion loss 0.3 dB
- Each cable individually tested and measured
- Test certificate attached indicating the individual insertion loss
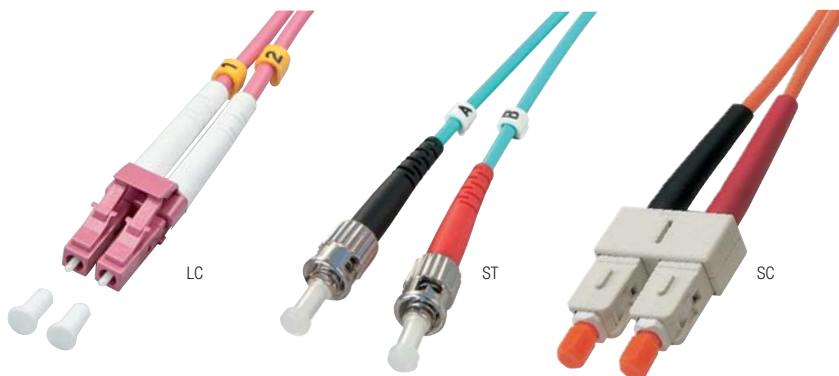
LC ST SC

LC, ST & SC Duplex Cable, jacket orange, OM2, aqua blue, OM3 or pink, OM4

Version	Fiber Type		1m	2m	3m	5m	10m	15m	20m	30m	40m	50m	75m	100m	150m	200m
	50/125µm	OM2	46480	46481	46482	46483	46484	46485	46486	–	–	–	–	–	–	–
LC / LC	50/125µm	OM3	46370	46371	46372	46373	46374	46375	46376	46400	46401	46402	46403	46404	46405	46406
	50/125µm	OM4	46340	46341	46342	46343	46344	46345	46346	–	–	–	–	–	–	–
	50/125µm	OM2	46490	46491	46492	46493	46494	46495	46496	–	–	–	–	–	–	–
LC / ST	50/125µm	OM3	46380	46381	46382	46383	46384	46385	46386	–	–	–	–	–	–	–
	50/125µm	OM4	46350	46351	46352	46353	46354	46355	46356	–	–	–	–	–	–	–
	50/125µm	OM2	46990	46991	46992	46993	46994	46995	46996	–	–	–	–	–	–	–
LC / SC	50/125µm	OM3	46390	46391	46392	46393	46394	46395	46396	–	–	–	–	–	–	–
	50/125µm	OM4	46360	46361	46362	46363	46364	46365	46366	–	–	–	–	–	–	–

## MTP (MPO) Fiber Optic Cable OM3

NEW

- Connector: MTP® female to MTP® female
- MTP® complies with the standard: TIA/EIA 604-5 Type MPO and IEC 61754-7
- Cable type: 12 x 50/125µm, Multi-mode, LS0H
- Cable: MPO / OM3, complies with the standard IEC 797
- Cable diameter: 3mm
- Polarity: Type A (1:1 connection)
- Insertion loss: <0.60 dB
- Color: Aqua

LEARN MORE → 26

Version	Fiber Type	Cable Type	10m	20m	30m	50m	100m	150m	200m
MTP / MTP	50/125µm	MPO/OM3	46980	46981	46982	46983	46984	46985	46986

Fiber Optic Duplex Cables, Jacket Yellow, Single-Mode, OS2

- Single-mode diameter core/shell: 9/125µm
- Zip twin cable, halogen-free
- Max insertion loss 0.15 dB
- Each cable individually tested and measured
- Individual insertion loss test report included
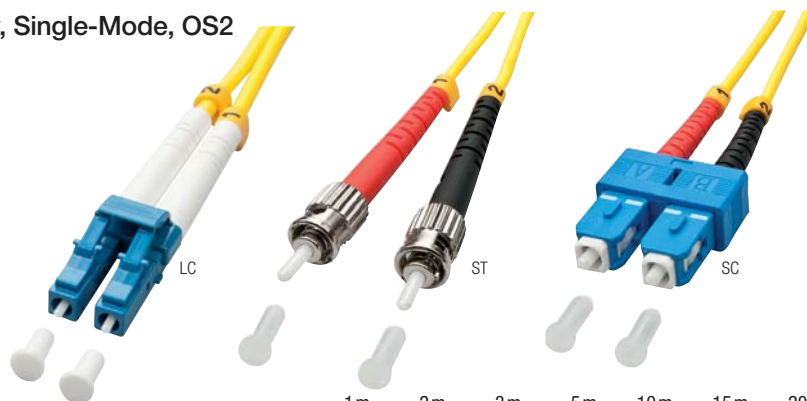
LC ST SC

LC, ST & SC Duplex Cable

Version	Fiber Type		1m	2m	3m	5m	10m	15m	20m
LC / LC	9/125µm	OS2	47450	47451	47452	47453	47454	47455	47456
LC / ST	9/125µm	OS2	47460	47461	47462	47463	47464	47465	47466
LC / SC	9/125µm	OS2	47470	47471	47472	47473	47474	47475	47476

LINDY

PATCH PANEL
STRUCTURED

Patch Panels from LINDY allow the easy implementation of even the most ambitious plans for structured cabling. LINDY has the right solution for you - whether you need to use every inch of space, you need to ensure high-performance network connections or you need an inexpensive and simple solution.

The decisive factor for the quality of our Patch Panels is their complete shielding, using a robust steel housing for both the Cat.6 panels for speeds up to 1Gbit/s as well as for Cat.6A with speeds up to 10GBit/s. Where Cat.6 reaches its limits, Cat.6A Patch Panels are future-proof: Because they use a half height unit with 24 ports you can have as much as 48 ports in one height unit of a rack: That means structured cabling with the highest transfer rates and a high port density within the smallest space.

Gigabit Patch Panel, Cat.6, 24 Ports

- 19" 1U
- 24 Ports RJ45 UTP Cat.6 Gigabit compatible
- LSA connectors for AWG 22-24, color coding according to T568 A and B
- Strain relief via clamping screws and cable ties included

25 990

1/2U Cat.6$_A$ 10Gigabit Premium Patch Panel

- High density: 24 ports in a half rack unit
- 24 Ports RJ45 STP Cat.6$_A$ 10Gigabit compatible
- Allows two panels (48 ports) in one rack space
- Material and color: steel, nickel-plated
- AWG26 up to AWG22 installation cable (Solid Core)
- 3P certified for 10GbE, Class EA, Category 6$_A$
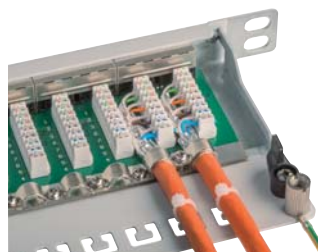
White	25 883
Black	25 884

19" Cable Management Panel

- 19", 1U, with 5 plastic retaining rings

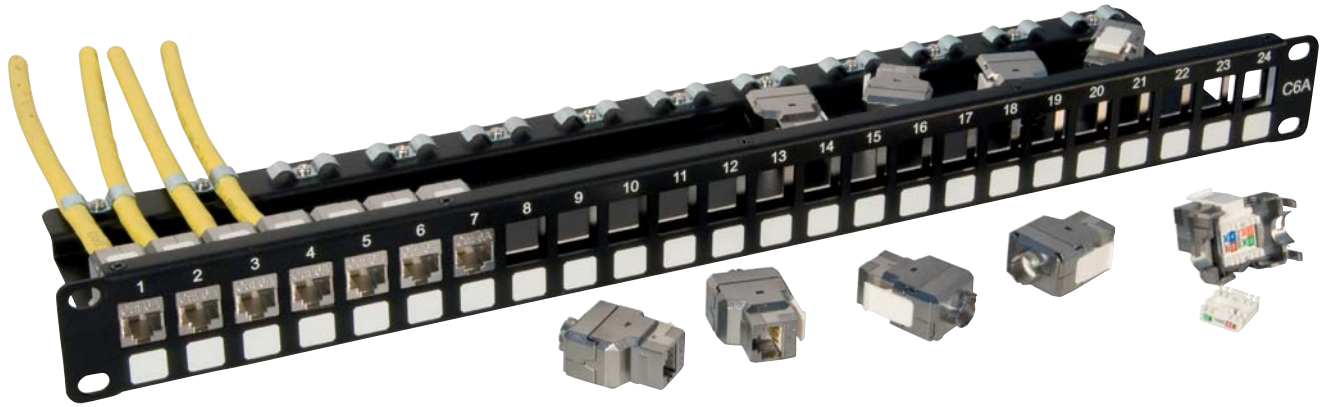|	
Cable Management Panel 19" 1U , 5 brackets 70mm depth, black	20 726
Cable Management Panel 19" 1U , 5 brackets 40mm depth, white	22 338

19" Mounting Screws

- 50 screws for 19" components
- Suitable for most cabinets
- Including black plastic washers and cage nuts

22 368

LINDY

10 Gigabit Cat.6$_A$ Patch Panel modular, 24 Port

- Modular Premium Patch Panel for network installations with highest demands
- 24 fully shielded 10GbE Cat.6$_A$ RJ45 keystones for tool-free assembly with solid installation cable
- Strain relief via clamping screws on the metal frame
- Cable ties fix the cable shield to the keystone housing
- Keystones as well as inline couplers also available separately
- Certified with 4x link for Cat.6$_A$ 10GbE
- Color coded according to T568B
- Dimensions: 19" 1U, depth ~ 12cmm

Note:
Cat.6$_A$ 10GbE link compliance has been tested in combination with our LINDY Cat.6$_A$ 10Giga patch cables (12047) and LINDY inline couplers (25891).
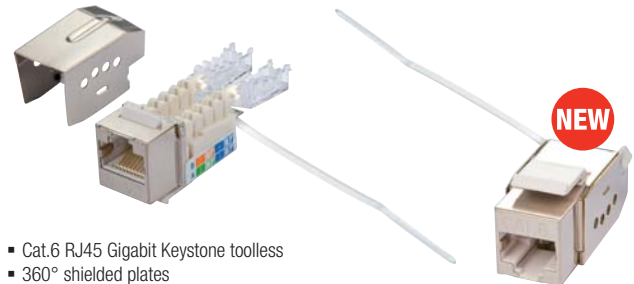
25894

10 Gigabit Cat.6$_A$ Keystone Metal

front & back

- 10GbE Cat.6$_A$ RJ45 Keystone
- Certified with 4x link for Cat.6$_A$ 10GbE

25890

Cat.6 STP Keystone Classic

NEW

- Cat.6 RJ45 Gigabit Keystone toolless
- 360° shielded plates
- 3P and ETL type tested

25998

10 Gigabit Cat.6$_A$ RJ45 Coupler

25891
front & back

25892
front & back

- 10 Gigabit Cat.6$_A$ RJ45, double female coupler
- Certified with 4x link for Cat.6$_A$ 10GbE
- 360° fully shielded metal housinge
- **25891:** straight
- **25892:** 90°, outlet downwards

| 10GbE Cat.6$_A$ RJ45 Double Coupler, straight | 25891 |
| 10GbE Cat.6$_A$ RJ45 Double Coupler, downwards | 25892 |

Cat.6 RJ45 Double Coupler Keystone

front & back

NEW
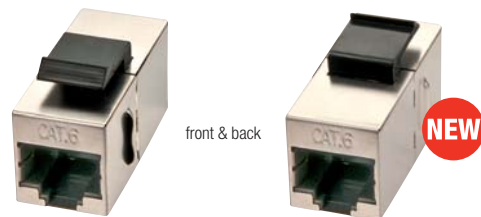
- Cat.6 RJ45 Gigabit Keystone Module
- Double coupler RJ45 STP
- 360° shielding plates

25999

NETWORKING – LAN

Network Wall Outlets 2x RJ45 Cat.6$_A$

- 2 RJ45 connectors STP Cat.6$_A$
- 10GbE compatible
- Cable connections with LSA technique

2x RJ45 Cat.6$_A$, 10GbE compatible, cable entry right/left	25885
2x RJ45 Cat.6$_A$, 10GbE compatible, cable entry up/down	25886

Wall Box for 6 Snap-In Modules

Supplied without
the shown snap-in
modules

- For up to 6 snap-in modules 25 x 50mm
- 4 blind bezels included
- White plastic housing with labelling space
- Dimensions approx.: 17 x 20.5 x 5.5cmm

	60549

Cat.6 Surface Mount Box 6 Port

25996, UTP

25997, STP

- 6 RJ45 Cat.6 Ports, Gigabit compatible
- Cable insertion from the opposite side
- Dimensions: ~ 16.5 x 9.5 x 3cm
- **25996:** RJ45 connectors as UTP keystone
- **25997:** RJ45 connectors as STP keystone

Cat.6 Surface Mount Box 6 Port UTP	25996
Cat.6 Surface Mount Box 6 Port STP	25997

Cable Ties, Bulk

- Material: Polyamide 6.6 (Nylon®)

Cable Ties, in 100 pcs.	transparent	black
2.5 x 100mm	40660	–
3.6 x 250mm	40661	40666
4.8 x 160mm	40662	–
4.8 x 250mm	40663	40668
7.2 x 350mm	40664	–

... latest news at LINDY.com

LINDY

Modular Wall Boxes DE System

- Installation according to German standards
- Fixed with screws or clamps
- Currently only available as single height face plate

60543

60544

60545

60546

For 1 Keystone	60543
For 2 Keystones	60544
For 1 Snap-In Module	60545
Surface Mount Back Box, 45mm depth	60546

Modular Wall Boxes UK System

- Installation according to British standards
- For use with 2 or 4 snap-in modules
- Screw fixing of the face plate, distance ~ 60 or 121mm

60541

60542

60523

60524

For 2 Snap-In Module (front plate)	60541
Surface Mount Back Box 86x86, 47mm depth	60523
For 4 Snap-In Module (front plate)	60542
Surface Mount Back Box 146x86 47mm depth	60524

Snap-In Modules for Modular Wall Box Series

Snap-in modules for easy insertion into the various modular wall boxes

Snap-in modules 25x50mm

	3 Hole (BNC/F/…) Ø 9mm, 4 pcs.	60530
	Blind Bezel, 2 pcs.	60540
	1 Keystone, 4 pcs.	60551
	2 Keystones, 4 pcs.	60552
	1 RJ45 Keystone, 45°, dust cover, 4 pcs.	60561

Keystone Modules

Universal fit, also into wall outlets and into the snap-in modules of the modular series

Universal Modules

	RJ45 Cat.6$_A$, Keystone 360° fully shielded	25890
NEW	RJ45 Cat.6, Keystone Classic 360° shielded	25998
	RJ45 Double Coupler Cat.6$_A$, 180° straight	25891
	RJ45 Double Coupler Cat.6$_A$, down	25892
NEW	RJ45 Double Coupler Cat.6, straight	25999
	Cat.6 RJ45 UTP Keystone Double Coupler, white	60743
	Cat.6 RJ45 UTP Keystone, blue	60367

MORE AV, USB, FW, VGA SNAP-IN MODULES & KEYSTONES SEE

... latest news at LINDY.com

NETWORKING – LAN

## Premium 10 Giga Patch S/FTP, PIMF Cat.6ₐ, 10Gbit – *Halogen-Free, LSOH*

- Ultimate quality patch cable: pairs in metal foil, (S/FTP, 4 x 2 x AWG26)
- GHMT certified, can be used for Gigabit and 10 Gigabit installation
- Cat.6ₐ, 10/100/1000Base-T support
- Connector: RJ45 shielded, latch protection, gold plated pins
- **100% tested, each cable with individual test report**

GHMT - certified

Cat.6ₐ	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m	40m	50m
S/FTP PIMF Halogen-Free	Gray		45350	45351	45352	45353	45354	45355	45356	45357	45358	45359	45360	-	-
	Blue		45372	45373	45374	45375	45376	45377	45378	45379	45380	45381	45382	-	-
	Red		45383	45384	45385	45386	45387	45388	45389	45390	45391	45392	45393	-	-
	Black		45361	45362	45363	45364	45365	45366	45367	45368	45369	45370	45371	45342	45343

Premium Giga Patch S/FTP, PIMF Cat.6 – *Halogen-Free, LSOH*

- Highest quality Cat.6 patch cable: pairs in metal foil, (S/FTP, 4 x 2 x AWG26)
- GHMT certified, for Gigabit installation, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, latch protection, gold plated pins
- **100% tested, each cable with individual test report**

GHMT - certified
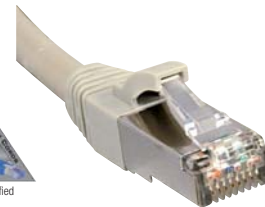
Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF Halogen-Free	Gray		45580	45581	45582	45583	45584	45585	45586	45587	45588	45589	45590

		40m	50m	60m	70m	80m	90m	100m
		45591	45592	45593	45594	45595	45596	45597

Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF Halogen-Free	Blue		45640	45641	45642	45643	45644	45645	45646	45647	45648	45649	45650
	Red		45620	45621	45622	45623	45624	45625	45626	45627	45628	45629	45630
	Black		45600	45601	45602	45603	45604	45605	45606	45607	45608	45609	45610

Giga Patch S/FTP, PIMF Cat.7 – *Halogen-Free, LSOH*

- Highest quality patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG26), 600MHz
- Certified, can be used for Gigabit and 10 Gigabit installation
- Cat.7, 10/100/1000Base-T support
- Connector: RJ45 shielded, latch protection, gold plated pins
- Halogen-Free, LSOHH

Cat.7	Color		0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF Halogen-Free	Gray		47260	47261	47262	47263	47264	47265	47266	47267	47268	47269	47270	47271
	Blue		47275	47276	47277	47278	47279	47280	47281	47282	47283	47284	47285	47286
	Red		47290	47291	47292	47293	47294	47295	47296	47297	47298	47299	47300	47301
	Black		47305	47306	47307	47308	47309	47310	47311	47312	47313	47314	47315	47316
	White		47320	47321	47322	47323	47324	47325	47326	47327	47328	47329	47330	47331

LINDY

Giga Patch S/FTP, PIMF Cat.6$_A$ – *Halogen-Free, LSOH*

- High quality patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG27)
- Can be used for Gigabit and 10 Gigabit installation
- Cat.6$_A$, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins
- Halogen-Free, LSOH

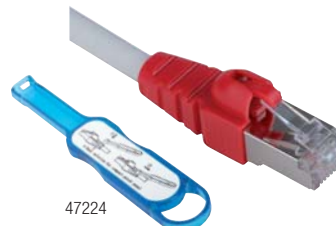| Cat.6$_A$	Color		0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m	15m	20m	30m
	Gray		47130	47131	47132	47133	47134	47135	47136	47137	47138	47139	47140	47141
S/FTP	Blue		47145	47146	47147	47148	47149	47150	47151	47152	47153	47154	47155	47156
PIMF	Red		47160	47161	47162	47163	47164	47165	47166	47167	47168	47169	47170	47171
Halogen-Free	Black		47175	47176	47177	47178	47179	47180	47181	47182	47183	47184	47185	47186
	White		47190	47191	47192	47193	47194	47195	47196	47197	47198	47199	47200	47201

CROMO Giga Patch S/FTP, PIMF Cat.6

- High quality patch cable: pairs in metal foil (S/FTP, 4x2xAWG26)
- For Gigabit, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins, color: anthracite

Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
S/FTP PIMF	Anthracite		47210	47211	47212	47213	47214	47215	47216	47217	47218	47219	47220

Easy Patch S/FTP, PIMF Cat. 6 – *Halogen-Free, LSOH*

- Easy patch function
- High quality patch cable: pairs in metal foil (S/FTP, 4x2xAWG26)
- For Gigabit, Cat.6, 10/100/1000Base-T Support
- Connector: RJ45 shielded, with latch protection, gold plated pins
- Hand tool for easier release of patch cables when panels are
  fully populated, use 47224. Only use with Easy Patch cables!

47224

Cat.6	Color (cable/connector)	0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m
S/FTP PIMF LSOH	white/red	47225	47226	47227	47228	47229	47230	47231	47232	47233

Giga Patch S/FTP, PIMF Cat.6

- High quality patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG26)
- For Gigabit, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.6	Color		0.3m	0.5m	1m	1.5m	2m	3m	5m	7.5m	10m	15m	20m	30m
	Gray		47700	47701	47702	47703	47704	47705	47706	47707	47708	47709	47710	47711
	Blue		47715	47716	47717	47718	47719	47720	47721	47722	47723	47724	47725	47726
	Red		47730	47731	47732	47733	47734	47735	47736	47737	47738	47739	47740	47741
	Green		47745	47746	47747	47748	47749	47750	47751	47752	47753	47754	47755	47756
S/FTP	Yellow		47760	47761	47762	47763	47764	47765	47766	47767	47768	47769	47770	47771
PIMF	Black		47775	47776	47777	47778	47779	47780	47781	47782	47783	47784	47785	47786
	White		47790	47791	47792	47793	47794	47795	47796	47797	47798	47799	47800	47801
	Orange		47805	47806	47807	47808	47809	47810	47811	47812	47813	47814	47815	47816
	Violet		47820	47821	47822	47823	47824	47825	47826	47827	47828	47829	47830	47831
Crossover	Gray/Red		47835	47836	47837	–	47838	47839	47840	47841	45107	45108	45109	47845

NETWORKING – LAN

Basic Giga Patch S/FTP, PIMF Cat.6

- Patch cable: pairs in metal foil (PIMF, S/FTP, 4x2xAWG28)
- For Gigabit, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

| Cat.6	Color		0.3 m	0.5 m	1 m	1.5 m	2 m	3 m	5 m	7.5 m	10 m
S/FTP	Gray		47340	47341	47342	47343	47344	47345	47346	47347	47348
	Blue		47350	47351	47352	47353	47354	47355	47356	47357	47358
	Red		47360	47361	47362	47363	47364	47365	47366	47367	47368
	Black		47370	47371	47372	47373	47374	47375	47376	47377	47378
	White		47380	47381	47382	47383	47384	47385	47386	47387	47388

Giga Patch F/UTP, Cat.6 Solid

- Simple shielding
- Cat.6, Gigabit compatible
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.6	Color	10 m	20 m	30 m	40 m	50 m	75 m	100 m
F/UTP	Gray	44470	44471	44472	44473	44474	44475	44476

Basic Giga Patch F/UTP, Cat.6

- Simple shielding
- Cat.6, Gigabit compatible
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.6	Color	0.3 m	0.5 m	1 m	1.5 m	2 m	3 m	5 m	7.5 m	10 m
F/UTP	Gray	47240	47241	47242	47243	47244	47245	47246	47247	47248

Network Cable, Bulk

- S/FTP, F/UTP or UTP patch cable
- Gigabit compatible, Cat.5e/6
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with/without latch protection, gold plated pins
- Only available in packs of 50!

44960

44970

48320

48325

47850

48150
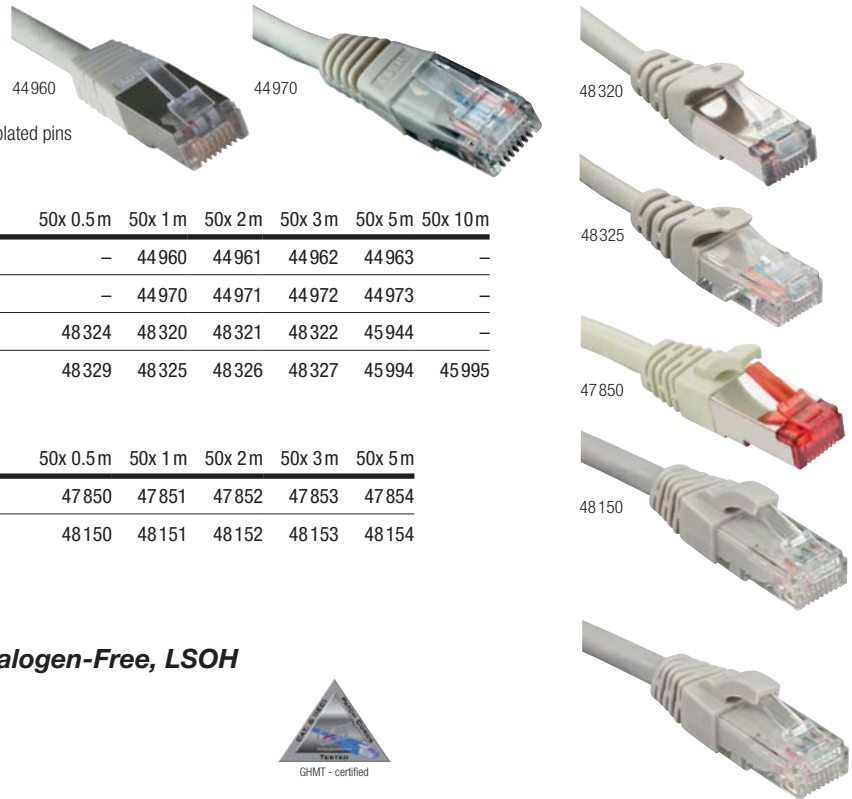
Cat.5e	Color		50x 0.5m	50x 1m	50x 2m	50x 3m	50x 5m	50x 10m
F/UTP Basic*	Gray		–	44960	44961	44962	44963	–
U/UTP Basic*	Gray		–	44970	44971	44972	44973	–
F/UTP Classic	Gray		48324	48320	48321	48322	45944	–
U/UTP Classic	Gray		48329	48325	48326	48327	45994	45995

* without latch protection

Cat.6	Color		50x 0.5m	50x 1m	50x 2m	50x 3m	50x 5m
S/FTP Classic	Gray/Red		47850	47851	47852	47853	47854
U/UTP Classic	Gray		48150	48151	48152	48153	48154

Premium Giga Patch U/UTP, Cat.6, *Halogen-Free, LSOH*

- High quality patch cable (4x2xAWG24), GHMT certified
- Gigabit compatible, Cat.6, 10/100/1000Base-T
- Connector: RJ45 unshielded, latch protection, gold plated pins
- 100% tested, **each cable includes individual test report**

GHMT - certified

Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP unshielded	Gray		45400	45401	45402	45403	45404	45405	45406	45407	45408	45409	45410
	Blue		45470	45471	45472	45473	45474	45475	45476	45477	45478	45479	45480
	Red		45450	45451	45452	45453	45454	45455	45456	45457	45458	45459	45460
	Black		45430	45431	45432	45433	45434	45435	45436	45437	45438	45439	–

Giga Patch U/UTP, Cat.6

- High quality patch cable (4x2xAWG24)
- Gigabit compatible, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 unshielded, latch protection, gold plated pins, also for ISDN

U/UTP Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP unshielded	Gray		48000	48001	48002	48003	48004	48005	48006	48007	48008	48009	48010
	Blue		48015	48016	48017	48018	48019	45790	45791	48022	48023	45794	48025
	Red		48030	48031	48032	48033	48034	48035	45806	48037	48038	45809	48040
	Green		45815	48046	48047	48048	48049	48050	45821	48052	48053	48054	45825
	Yellow		48060	48061	48062	48063	48064	48065	48066	48067	48068	45839	48070
	Black		48075	48076	48077	48078	48079	48080	48081	48082	48083	48084	48085
	White		48090	48091	48092	48093	48094	48095	48096	48097	48098	48099	48100
	Orange		48105	48106	48107	48108	48109	48110	45175	45176	45177	45178	48115
	Violet		48120	45181	45182	48123	45184	45185	45186	45187	45188	45189	45190
Crossover	Gray/Red		44940	44941	44942	44943	44944	44945	44946	44947	44948	44949	44950

Basic Giga Patch U/UTP, Cat.6

- Patch cable (4x2xAWG26)
- Gigabit compatible, Cat.6, 10/100/1000Base-T support
- Connector: RJ45 unshielded, latch protection,
  gold plated pins, also for ISDN

Cat.6	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m
U/UTP	Gray		48160	48161	48162	48163	48164	48165	48166	48167
	Blue		48170	48171	48172	48173	48174	48175	48176	48177
	Red		48180	48181	48182	48183	48184	48185	48186	48187
	Black		48190	48191	48192	48193	48194	48195	48196	48197
	White		48200	48201	48202	48203	48204	48205	48206	48207

Giga Patch U/UTP, Cat.6 Solid

- Unshielded
- Cat.6, Gigabit compatible
- 10/100/1000Base-T-support
- Connector: RJ45 unshielded, latch protection, gold plated pins

Cat.6	Color	10m	20m	30m	40m	50m	75m	100m
U/UTP	Gray	44460	44461	44462	44463	44464	44465	44466

Flat Patch Cable, Cat.6

- Patch cable (4x2xAWG30) , Cat.6,
  Gigabit 10/100/1000Base-T compatible
- Connector: RJ45 unshielded, also for ISDN

Cat.6	Color		0.3m	1m	2m	3m	5m	10m
Unshielded	Gray		47490	47491	47492	47493	47494	47495
	Red		47510	47511	47512	47513	47514	47515
	Black		47520	47521	47522	47523	47524	47525
	White		47500	47501	47502	47503	47504	47505

2.1mm thick
6.8mm wide

Flat Patch Cable Shielded, Cat.6

NEW

- Patch cable (4 x 2 x AWG32)
- Cat.6, Gigabit 10/100/1000Base-T compatible
- Connector: RJ45, also for ISDN

Cat.6	Color		0.3m	1m	2m	3m	5m	10m
Shielded	Gray		47550	47551	47552	47553	47554	47555
	White		47560	47561	47562	47563	47564	47565
	Black		47570	47571	47572	47573	47574	47575

1.75mm thick
6.6mm wide

Flat Patch Cable Shielded, Cat.6$_A$

NEW

- Patch cable (4 x 2 x AWG32),
  Cat.6$_A$, Gigabit 10/100/1000Base-T compatible
- Connector: RJ45, also for ISDN

Cat.6$_A$	Color		0.3m	1m	2m	3m	5m	10m
Shielded	White		47540	47541	47542	47543	47544	47545
	Black		47480	47481	47482	47483	47484	47485

LINDY

Classic Giga Patch F/UTP, Cat.5e

- Patch cable, shielded (4x2xAWG26, Classic)
- Gigabit compatible, Cat.5e, Class D
- 10/100/1000Base-T support
- Connector: RJ45 shielded, with latch protection, gold plated pins

Cat.5e	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
F/UTP Basic*	Gray		–	45160	45161	45162	45163	45164	–	45165	–	–	–
F/UTP Classic Foil shielded	Gray		48210	48211	48212	48213	48214	48215	48216	48217	48218	48219	48220
	Blue		–	48225	48226	48227	48228	48229	–	48230	–	–	–
	Red		–	48235	45896	48237	45898	48239	–	45900	–	–	–
	Green		–	48245	48246	48247	48248	48249	–	45910	–	–	–
	Yellow		–	45915	45916	45917	48258	48259	–	48260	–	–	–
	Black		–	48265	48266	48267	48268	48269	–	48270	–	–	–
Crossover*	Gray/Red		–	44301	48276	48277	48278	48279	–	48280	48281	44309	44310

* without latch protection

Classic Giga Patch U/UTP, Cat.5e

- 10/100/1000Base-T patch cable, unshielded (4x2xAWG26, Classic)
- Gigabit compatible, Cat.5e, Class D
- Connector: RJ45 unshielded, latch protection, gold plated pins

45140, Basic

44740 Crossover

Cat.5e	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP Basic*	Gray		–	45140	45141	45142	45143	45144	–	45145	–	–	–
U/UTP Classic, Crossover*	Gray/Red		44740	44741	48307	48308	48309	48310	44746	44747	44748	44749	44750

* without latch protection

Cat.5e	Color		0.3m	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m	30m
U/UTP Classic	Gray		48285	48286	48287	48288	45964	45965	45966	48292	48293	48294	48295

	40m	50m	60m	70m	80m	90m	100m
	48296	48297	48298	45974	48300	45976	48302

Ethernet Installation Cable 305m in Easy Pull Box

- Solid core installation cable, Gigabit, 10/100/1000Base-T
- Practical carry box for easy cable pull out
- Indicator marks on the cable showing remaining cable length

10 YEAR GUARANTEE

Cat.5e, F/UTP 4 x 2 x AWG24, 100 MHz	Cat.6, S/FTP, LSOH Halogen-free, 4 x 2 x AWG24, 250 MHz	Cat.5e, UTP, 4 x 2 x AWG24, 100 MHz	Cat.6, UTP, 4 x 2 x AWG24, 250 MHz
12 960	12 986	12 959	12 961

305 m

Ethernet Installation Cable, Reels
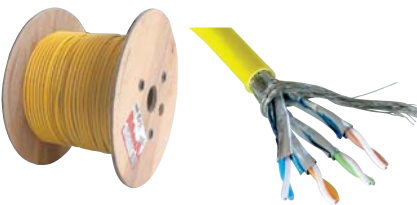
Installation Cable

10 YEAR GUARANTEE Cat.7, S/FTP, PIMF, 4 x 2 x AWG23, LSOH, Halogen-free, 900 MHz

100 m 12 047

Ethernet Installation Cable, Reels

Installation Cable

10 YEAR GUARANTEE Cat.7, S/FTP, PIMF, 4 x 2 x AWG23, LSOH, Halogen-free, 600 MHz

100 m 12 976

Patch Cable, Reels

Patch Cable

10 YEAR GUARANTEE Cat.6, S/FTP, 4 x 2 x AWG26, 250 MHz

100 m 12 055

RJ45 Connectors

- Package contains 10 pcs

10 YEAR GUARANTEE

Cat.5e, UTP	Cat.6, UTP, insertion aid	Cat.5e, STP	Cat.6, STP, 360° shielded, insertion aid
62 404	62 430	62 414	62 435

Premium STP Cat.6A RJ45 Connector

NEW front & back

- For solid core installation cable AWG26 – AWG22
- With compression coupling strain relief
- Cat.6A / Class EA compatible
- For reliable permanent connections

62 401

RJ45 Strain Relief Boots - Pack of 10

- RJ45 strain relief boot for RJ45 connectors
- Post-assembly boots clip on cables with already crimped on RJ45 connectors
- Fits with 62404, 62430 + 62414, 624355

Black	Gray	Red	Green	Yellow	Blue	White
60 385	60 386	60 387	60 388	60 389	60 390	60 391

- Pre-assembly strain relief boot
- Soft plastic with latch protection
- RJ45 Strain Relief Boot, gray, pack of 10

62 046

Ethernet Cable Coupler

- Cat. 5e, STP/UTP
- Metallic housing,
- IDC termination block

60 173

CABLE TESTERS AND TOOLS
PAGEE 150

... latest news at LINDY.com

LINDY

RJ45 Crimp Tool Professional

43206

43216

- Universal crimp tool with gear ratchet For RJ10/RJ11/12/RJ45 and
- DEC connectors Integrated cable cutter/stripper
- **43206:** with integrated cable tester

RJ45 Crimp Tool Professional	43216
RJ45 Crimp Tool Professional with Cable Tester Tool	43206

RJ45 Crimp Tool Basic

- Basic crimp tool for RJ45 connectors
- Integrated cable cutter/stripper

43208

Side Cutter for Patch Cable

For cutting copper cables and to cut patch cable open ends.

- Up to 1.2mm diameter of copper wire
- Do NOT use for steel!
- Thickness of the blades ~ 3mm, length ~ 8mm

43207

Anti-Static Wrist Strap

- Helps to prevent electrostatic charge building up when handling CMOS and other devices prone to electrostatic damage
- Adjustable to ensure a comfortable fit

40165

LAN Cable Tester Lite

NEW

- For testing RJ45, RJ11/12 and RJ10 cable
- Two piece, for rolled and installed cables

43008

Power over Ethernet (PoE) Tester

NEW

- Tests for IEEE 802.3af/at PoE voltage on live Ethernet cabling
- Detects Mid-span, End-span and 4-pair using LED identification or 4 pairs 60 Watt PoE Injector per LED
- Compact design, Plug & Play

60197

Universal & LAN Tool Kit, 54 pcs

- LAN tester & crimp pliers, side cutters, and screwdrivers and many other accessories!
- For more details please visit www.LINDY.com
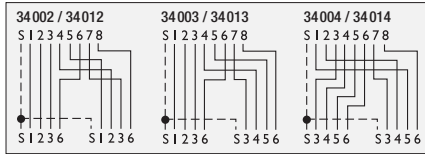
43057

Anti-Static Service Kit

Package contents:
- Static dissipative mat with two storage pockets
- Mat size: 600 x 600mm
- 2.5m ground cord with crocodile clip
- 1.5m coiled wrist strap cord
- Adjustable wrist strap

43080

Network Line Doubler 10/100

- Run two connections over one single cable
- Ideally used for installations close to max. capacity.
- Enables two connections to be run over a single cable, either 2x Ethernet, 2x telephone or mixed.
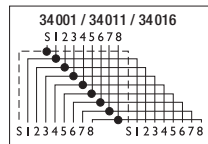- The Line/Port Doublers are installed on to the RJ45 wall boxes or patch panels.

|	STP	UTP
2x Ethernet Cat.5e	34012	34002
1x Ethernet + 1x Telephone/Token Ring via a single 8 core cable	34013	34003
2x Telephone or Token Ring via a single 8 core cable	34014	34004

Y-Adapter RJ45

34016

34001 & 34011

1:2 (all pins 1:1 connected, shielded) STP	34011
1:2 (all pins 1:1 connected, unshielded) UTP	34001
1:4 (all pins 1:1 connected, unshielded) UTP	34016

RJ45 Telephone Line Splitter 1:4

- Only for analog telephones
- To be used in pairs, please always order 2 units for immediate use

34015

RJ45 Couplers

60187

25891

25999

60184

34009
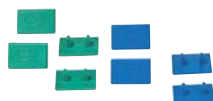
RJ45 Coupler, shielded, metal housing, Cat.5e	60187
RJ45 Coupler, shielded, metal housing, Cat.6$_A$	25891
RJ45 Coupler, shielded, metal housing 360°, STP, Cat.6	25999
RJ45 Coupler, UTP, Cat.3 / ISDN	60184
RJ45 Coupler, UTP, Cat.6, UTP, Cat.6	34009

Gigabit Ethernet Surge Protector RJ45

- Protects your LAN devices from harmful power surges
- Overvoltage protection up to 3500V
- Compact, STP/UTP Cat.6 compliant, light guides for port LEDs
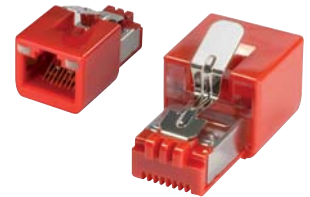
60198

Crossover Adapter

- Converts a normal cable to a cross-over patch cable
- Gigabit Cat.5e compliant, all pairs crossed

60194

RJ11/RJ45 Adapter

- Use to connect RJ45 cables to RJ11/12 ports
- RJ11/12 male to RJ45 socket, 4 pins connected

70385

Ethernet Cable Coupler

- Metallic housing,
- DC termination block

60173

Telephone Cable Tangle Eliminator

- For use with telephones that have modular handsets
- Transparent, RJ10

75004

RJ11/RJ12/RJ45 Connector, Pack of 10

62201
6/4 pin

62202
6/6 pin

62404
8/8 pin

RJ11 6/4 pin 10 pcs	62201
RJ12 6/6 pin 10 pcs	62202
RJ45 8/8 pin ISDN / Cat. 5e 10 pcs	62404

Premium STP Cat.6$_A$ RJ45 Connector

- For solid core installation cable AWG26 – AWG22
- With compression coupling strain relief
- Cat.6A / Class EA compatible
- Protection class IP20
- STP - 360 degrees shielded
- For reliable permanent connections

NEW

front & back

62401

Assembled RJ10 / RJ11/12 Cables

RJ10

RJ11/12

- Unshielded cable with RJ10 plug, e.g. for telephone handsets
- RJ11/12 western plug for modem/telephone connection etc.

	2 m	3 m	5 m	10 m	15 m	20 m	50 m
RJ10 4/4 pin plug	34202	34203	34205	34210	–	–	–
RJ11/12 6/6 pin plug	34223	34224	34225	34226	34227	34228	34229

Modular Adapter RJ45 / D9/25
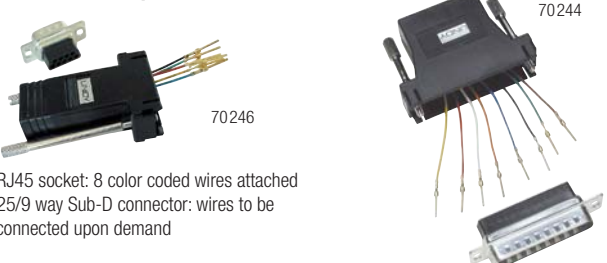
70244

70246

- RJ45 socket: 8 color coded wires attached
- 25/9 way Sub-D connector: wires to be connected upon demand

9 Way Connector Male to RJ45 Socket	70246
9 Way Connector Female to RJ45 Socket	70247
25 Way Connector Male to RJ45 Socket	70244

Retractable Cat.5 Cable

- Connectors: 2x RJ45
- 2x RJ11 adapter

44995

DSL Splitter/Filter Universal, RJ11/12/RJ45

75109

NEW

75110

- DSL splitter (filter) to separate voice and data signals
- Functions as intermediate adapter

DSL Splitter/Filter Universal RJ11/RJ12	75109
DSL Splitter/Filter Universal RJ45 (RJ11/12)	75110

RJ11/12

RJ11/12 can be used on RJ45 sockets!
RJ11 and RJ12 use the same connectors.
RJ11 only has the four middle pins.

RJ11/12 to RJ45 Adapter 4P4C

- Connect a RJ45 cable to a RJ11/12 port
- Plastic version, not shielded
- 6P4C (6 pin, 4 connected)
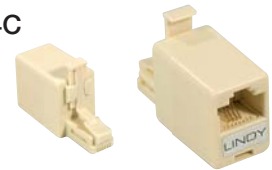
70385

RJ10/11/12 Double / Triple Female Coupler

70171
RJ11/12

70172
RJ11/12

70173
RJ11/12

70251
RJ10

RJ11/RJ12 Line Coupler, Female/Female	70171
RJ11/RJ12 Triple connector, Female	70172
RJ11/RJ12 Plug with Line Coupler, Female/Female	70173
RJ10 Line Coupler, Female/Female	70251

SYSTEM COMPONENTS UPGRADE

ExpressCards

Interface	USB 3.0 - fully recessed	FireWire 400	FireWire 800 / 400
Ports	1x USB A	2x FW 6 pin	2x FW 9 pin / 1x FW 6 pin
Optional PSU	2.5/0.7 mm 5V DC	3.5/1.35mm 12VDC	3.5/1.35mm 12VDC
Operating system	Windows	Windows/Mac	Windows/Mac
	51504	51500	51499

Interface	RS232	Parallel	Gigabit
Ports	1x D9 M	1x D25 F	1x RJ45
Features	1x 16550 FIFO	SPP / EPP/ ECP	–
Operating system	Windows	Windows/Linux	Windows/Mac
	51530	51535	51512

ExpressCard Adapter

Interface	CardBus Adapter
Ports	1x CardBus
Features	PCIe to PCI Bridge Chip
Operating system	Windows/Mac
	51355

Card Reader PCMCIA

Interface	Compact-Flash-Adapter
Ports	1x CF
Features	–
Operating system	all (adapter only)
	70952

CardBus Cards

Interface	RS232	Gigabit
Ports	2x D9 M adapter cable	1x RJ45 10/100/1000
Optional PSU/features	16C950 compatible 128kbit/s	2 LED, Auto MDI-X
Operating system	Windows	Windows/Mac
	51334	51338

LINDY

USB 3.1 Premium Cards

Fuse-protected ports

| Interface	USB 3.1 2x Type-C	USB 3.1 2x Type A	USB 3.1 1x Type-C / A
Ports ext./int./chipset	2/0 ASM 1142	2/0 ASM 1142	2/0 ASM 1142
Bus type	PCIe-x4	PCIe-x4	PCIe-x4
Slot bracket	standard & low profile	standard & low profile	standard & low profile
Operating system	Windows/Mac OS	Windows/Mac OS	Windows/Mac OS
	51054	51053	51052

USB 3.1 & USB 3.0 LAN Cards

Fuse-protected ports

Interface	USB 3.1 1x Type-C / A	USB 3.1 2x Typ A	USB 3.0 + Gigabit
Ports ext./int./chipset	2/0 ASM 1142	2/0 ASM 1142	4/0, Renesas/RTL
Bus type	PCIe-x4	PCIe-x4	PCIe-x1
Slot bracket	standard & low profile	standard & low profile	standard & low profile
Operating system	Windows	Windows	Windows
	51056	51057	51049

USB 2.0/3.0 Cards

Fuse-protected ports
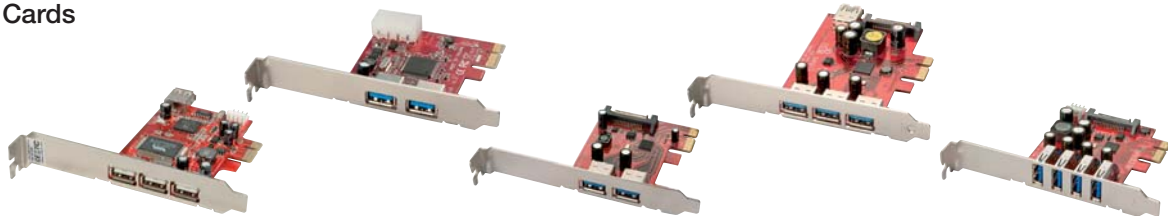
Interface	USB 2.0	USB 3.0	USB 3.0 Premium	USB 3.0 Premium	USB 3.0
Ports ext./int./chipset	3/1 USB	2 / 0, Etron EJ 168	2 / 0, Renesas (NEC)	3 / 1, Texas Instruments	4 / 0, Renesas (NEC)
Bus type	PCIe-x1	PCIe-x1	PCIe-x1	PCIe-x1	PCIe-x1
Slot bracket	standard & low profile	standard & low profile	standard & low profile	standard & low profile	standard & low profile
Operating system	Windows	Windows/Mac	Windows	Windows	Windows
	51120	51118	51119	51121	51051

USB 3.0 & FireWire Cards
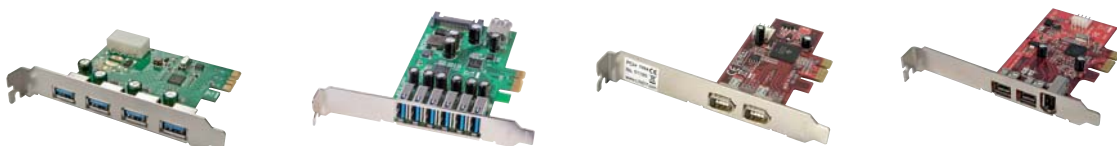
Interface	USB 3.0	USB 3.0	FireWire 400	FireWire 800
Ports ext./int./chipset	4 / 0, Renesas (NEC)	6 / 1, Renesas (NEC)	2x FW 6 pin Texas Instruments	1x FW 6 pin, 2x FW 9 pin LSI-FW643
Features	fuse-protected ports	fuse-protected ports	–	–
Bus type, slot bracket	PCIe-x1, standard	PCIe-x1, standard	PCIe-x1, standard & low profile	PCIe-x1, standard
Operating system	Windows/Linux	Windows/Linux	Windows/Mac	Windows/Mac/Linux
	51066	51067	51180	51182

PC & SYSTEM COMPONENTS

PCI USB & FireWire Cards
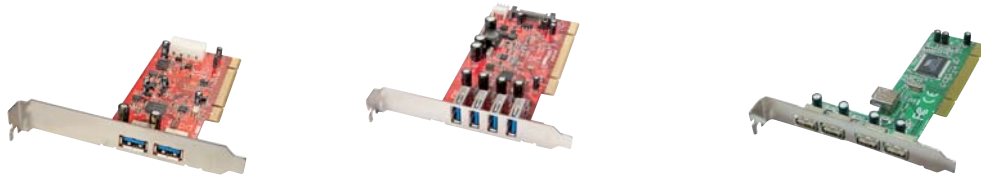
Interface	**USB 3.0**	**USB 3.0**	**USB 2.0**
Ports ext./int./chipset	2 / 0, Renesas (NEC)	4 / 0, Renesas (NEC)	4 / 1, VIA
Features	fuse-protected ports	fuse-protected ports	internal type A, fuse-protected ports
Slot bracket	standard & low profile	standard & low profile	Standard
Operating system	Windows/Linux	Windows/Linux	Windows
	51083	51048	51063

Interface	**USB 2.0**	**FireWire 400**
Ports ext./int./chipset	2 / 2 (pin header), VIA	2 / 1 FW 6 pin, 1 / 0 FW 4 pin, VIA
Features	fuse-protected ports	-
Slot bracket	standard & low profile	standard
Operating system	Windows/Linux	Windows/Mac
	51058	51098

PCI-X Multilane Controller

Product	**SATA 3Gbit/s Multilane Controller, SFF-8470, 64 Bit**
Ports internal/external	1 (SFF-8470) / 0 – 3 Gbit/s
RAID mode	0, 1, 0+1, 5
Slot bracket	Standard
Operating system	Windows/Mac
	51127

SATA Adapter

Product	**mSATA to SATA 2.5" Adapter**
Ports internal/external	1x mSATA
RAID mode	screw type
Slot bracket	SATA 22 pin 2.5" Form Factor
Operating system	Windows/Mac/Linux
	20972

LINDY

PCIe 3.0 x 4 M.2 SSD Adapter Card

NEW
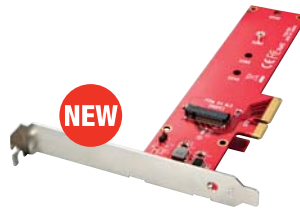
Product	**PCIe 3.0 x 4 M.2 SSD**
Ports internal/external	0 / M.2 NGFF type 22110-D5-M
Slot bracket	standard & low profile
Operating system	Windows/Linux/MacPro 2009-2012
	51 132

PCIe SATA 6 Gbit/s Controller

Product	**SATA 6 Gbit/s PCIe**	**SATA 6 Gbit/s PCIe**	**SATA 6 Gbit/s**	**mPCIe to USB 2.0**
Ports internal/external	2 / 0 – 6 Gbit/s	0 / 2 – 6 Gbit/s	0 / 4 – 6 Gbit/s	1 / 0
Slot bracket	standard & low profile	standard & low profile	standard & low profile	–
Operating system	Windows/Linux/Mac	Windows/Linux/Mac	Windows/Linux/Mac	all operating systems
	51 400	51 403	51 163	51 181

EXTERNAL SATA CONNECTORS: eSATA, eSATAp

External eSATA connectors are defined in the Serial ATA 3Gb/s specification of 2004. When Power over eSATA (eSATAp) was introduced in 2008, it combined eSATA and USB 2.0 in to one connector. eSATAp connectors are mostly found in notebooks and can be used as an eSATA, eSATAp or USB port, or with an adapter cable (see Cable chapter) divided into two individual connectors. eSATAp products (some 2.5" HDD enclosures) receive eSATA performance and 5V power through the eSATAp port. Aside from being Hot Plug capable, eSATA(p) connectors are electronically more robust and secure than internal SATA connectors. eSATA(p) supports cable lengths of up to 2m, internal SATA ports only up to 1m. Fully compatible eSATAp 5V & 12V connectors with additional 12V power supply have been available since 2010.
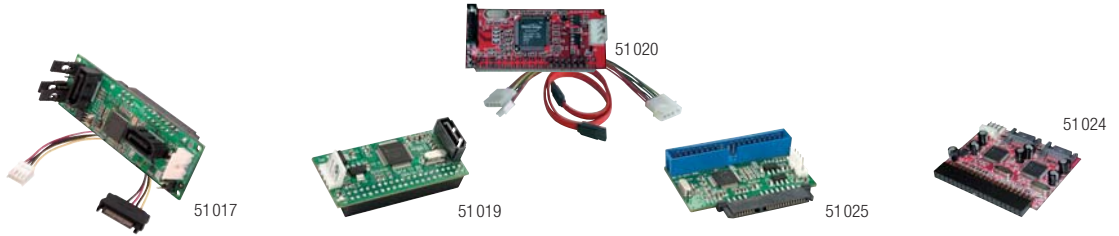
External eSATAp & USB Connector

External eSATA Connector

SATA Drive Adapter, active

51 020

51 017

51 019

51 024

51 025

Product	SATA RAID Adapter 6 Gbit/s	ATA/133 Drive to SATA Port		SATA Drive to IDE/ATA Bus	SATA Adapter for IDE Mainboard
Ports SATA/IDE	2 / 0	1 / 1		1 / 1	2 / 1 (master & slave)
Connectors	2x SATA 7p / SATA 22p	IDE 40p / SATA 7p / power		IDE 40p / SATA 22p / power	IDE 40p / 2x SATA 7p / power
Installation	SATA Host	IDE drive		SATA drive	Mainboard, IDE connector
Chipset	JMicron	JMicron	Silicon Image	JMicron	Silicon Image
	51 017	51 019	51 020	51 025	51 024

Mini SAS Slot Bracket Adapter
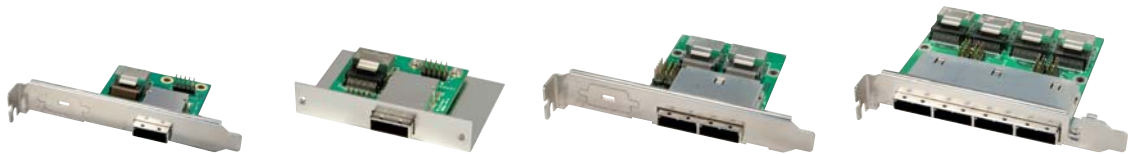
Product	Mini SAS Adapter	Mini SAS Adapter	Mini SAS Adapter	Mini SAS Adapter
Ports SATA/IDE	1 / 1	1 / 1	2 / 2	4 / 4
Connectors	SFF-8088 / SFF-8087	SFF-8088 / SFF-8087	SFF-8088 / SFF-8087	SFF-8088/SFF-8087
Slot bracket	standard & low profile	-	standard & low profile	standard
Installation	server	external enclosure	server	server
	21 940	21 943	21 941	21 942

SATA II / 1.0a 7 pin	SFF-8482 SAS 2 channel	SATA Multilane SAS SFF-8484	SFF-8087 Mini SAS 36 pin	SFF-8088 Mini SAS	SFF-8470 SAS Latch	SFF-8470 SAS Thumbscrew type	eSATA 7 pin

MORE SATA & SAS CONTROLLERS AND SUITABLE CABLES AT LINDY.COM

LINDY

PCI / PCIe Network Cards

Interface	10/100/1000Base-T	10/100/1000Base-T	Gigabit / LAN USB 3.0
Ports	1x RJ45	1x RJ45	1x RJ45 / 3x USB 3.0
Features	Full or Half Duplex	Full or Half Duplex	Full or Half Duplex
Interface, slot bracket	PCIe-x1, standard & low profile	PCI, standard	PCIe x1, standard & low profile
Operating system	Windows	Windows/Linux	Windows
	51192	51221	51049

USB LAN Adapter

Interface	10/100/1000Base-T	10/100Base-T	10/100Base-T
Ports	1x RJ45	1x RJ45	1x RJ45
Features	Full or Half Duplex	Full or Half Duplex	Full- oder Half-Duplex
Connectors	USB 3.0 A	USB 2.0 A	USB 2.0 Micro-B
Operating system	Windows/Mac	Windows/Linux/Mac	Windows/Linux/Mac
	43188	42922	42948

USB WiFi 11n

Interface	WLAN 11n (150)/g/b
Ports	IEEE 802.11n
Features	WEP, WPA, WPA2, WPS
Connectors	USB 2.0 A
Operating system	Windows
	52059

Adapter Cards PCI ◄► PCIe
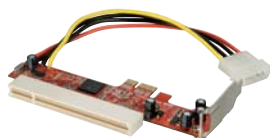
Interface	PCIe Adapter
Ports	For PCI low profile cards
Features	PCIe-PCI bridge chip
Interface, slot bracket	PCIe-x1
Operating system	Windows
	51015

USB Bluetooth Dongle

Interface	Bluetooth & WLAN	Bluetooth-Micro-Adapter
Ports	BT 3.0 HS & 11 N	BT V 4.0
Features	Bluetooth 3.0 High-Speed Mode	Low-Energy
Connectors	USB 2.0 A	USB 2.0 A
Operating system	2003/Vista/2008/7/8/8.1/10	Vista/2008/7/8/8.1/10
	52213	52214

WHAT IS PCI, PCI-X AND PCIe?

PCI-X is the 64bit computer bus and expansion card standard that enhances the 32bit PCI Local Bus for higher bandwidth demanded by servers. PCI-X revised the conventional PCI standard by doubling the maximum clock speed (from 66 MHz to 133 MHz) and hence the amount of data exchanged between the computer processor and peripherals. Backward compatibility allows 32bit cards to work in 64bit slots and 64bit cards in 32bit short slots. PCIe, PCI-Express is the new serial based PCI interface. It is not compatible with the old PCI port; the terminal block is much shorter! PCIe ports have 1-16 serial channels (lanes), commonly referred to as PCIe-x1 to PCIe-x16.

Standard PCI-X — additional 64bit contacts

Low Profile PCI-X

Standard PCIe x1

PC & SYSTEM COMPONENTS
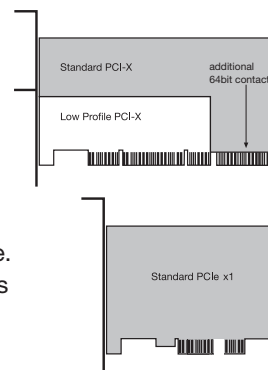
PCI Serial Cards (low profile see next page)

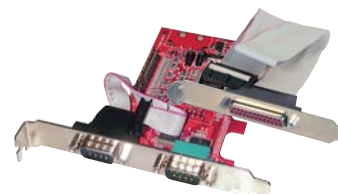| Interface	**1x Serial, RS232**	**2x Serial, RS232**	**4x Serial, RS232**
Ports	1x D9 M	2x D9 M	4x D9 M (octopus cable)
Features	460kb/s / 256 Byte / FIFO	460kb/s / 256 Byte / FIFO	16C950 / 128 Byte / FIFO
Interface, slot bracket	PCI, standard	PCI, standard	PCI, standard
Operating system	Windows/Linux	Windows/Linux	Windows
	51 240	51 241	51 274

Interface	**8x Serial, RS232**	**2S1P Serial RS232 / Parallel**
Ports	8x D9 M (1x octopus cable)	2x D9 M / 1x D25 F (2 brackets)
Features	16C950 / 128 Byte / FIFO	256 Byte / FIFO / EPP/ECP
Interface, slot bracket	PCI, standard	PCI, standard (2)
Operating system	Windows/Linux	Windows/Linux
	51 275	51 242

PCI / PCIe Serial/Parallel Cards (low profile see next page)
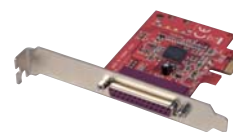
Interface	**1x Parallel**	**2x Parallel**	**1x Parallel**
Ports	1x D25 F	2x D25 F (2. Slotblech)	1x D25 F
Features	IEEE 1284 EPP/ECP	IEEE 1284 EPP/ECP	IEEE 1284 EPP/ECP
Interface, slot bracket	PCI, standard	PCI, standard (2)	PCIe, standard
Operating system	Windows/Linux	Windows/Linux	Windows/Linux
	51 243	51 296	51 185

Interface	**1x Serial, RS232**	**2x Serial, RS232**	**4x Serial, RS232**	**2S1P Serial / Parallel**
Ports	1x D9 M	2x D9 M	4x D9 M (octopus cable)	2x D9 M / 1x D25 F (2 brackets)
Features	16C950 128Byte FIFO	16C950 / 128 Byte / FIFO	16C950 / 128 Byte / FIFO	16C550 / 32 Byte / FIFO / EPP/ECP
Interface, slot bracket	PCIe, standard	PCIe, standard	PCIe, standard	PCIe, standard (2)
Operating system	Windows/Linux	Windows/Linux	Windows/Linux	Windows/Linux
	51 186	51 187	51 189	51 188
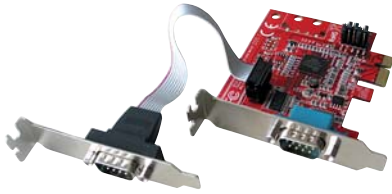
Interface	**2x Serial, RS232**	**1x Parallel**
Ports external/internal	2 x D9 M (2x brackets)	1x D25 F
Features	16C950 / 128 Byte / FIFO	IEEE 1284 SPP/EPP/ECP
Bus type, slot bracket	PCIe-x1, 2x low profile	PCIe-x1, low profile
Operating system	Windows/Linux	Windows/Linux
	51 245	51 246
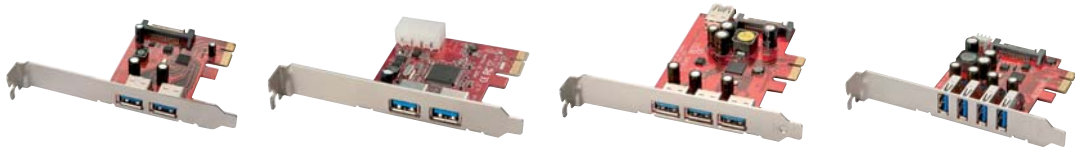
Interface	**USB 3.0 Premium**	**USB 3.0**	**USB 3.0 Premium**	**USB 3.0**
Ports external/internal	2 / 0	2 / 0, Etron EJ 168	3 / 1, Texas Instruments	4 / 0, Renesas (NEC)
Features	fuse-protected ports	Molex power	SATA power	SATA power
Bus type, slot bracket	PCIe-x1, standard & low profile	PCIe-x1, standard & low profile	PCIe-x1, standard & low profile	PCIe-x1, standard & low profile
Operating system	Windows	Windows/Mac	Windows	Windows
	51 119	51 118	51 121	51 051

Interface	**USB 2.0**	**2x Serial, RS232**	**1x Parallel**
Ports ext./int./chipset	2 / 2	2x D9 M (octopus cable)	1x D25 F
Features	480 Mbit/s High Speed	16C950 / 128 Byte / FIFO	IEEE 1284 EPP/ECP
Bus type, slot bracket	PCI, standard & low profile	PCI, low profile	PCI, low profile
Operating system	Windows	Windows	Windows/Linux
	51 058	51 326	51 325

MORE SERIAL AND PARALLEL CONVERTERS ON PAGE 180–181

... latest products at LINDY.com

Universal mounting kit for 3.5" HDD

- 3.5" HDD to 5.25" mounting kit
- Includes fixing screws

40545

Universal mounting kit for 2.5" HDD

- 2.5" HDD to 3.5" mounting kit
- Includes fixing screws

40588

Mounting frame for 2x 2.5" HDD

- For 9.5mm high IDE or SATA drives (lower bay up to 11mm)
- Plastic frame includes mounting screws for hard drives and 3.5" bay

40559

3.5" to 2.5" IDE drive adapter

- Allows connection of 2.5" hard drives to a standard IDE cable
- Includes power supply

70199

5.25" bay adapter for slim ODD & HDD/SSD

- 5.25" bay adapter for slim ODD and 2.5" or 3.5" HDDs/SSDs
- Mounts into a 5.25" bay
- 1x bay for slim ODDs (upper bay)
- 1x bay (with plastic faceplate) for slim ODD or 2.5" /3.5" HDD

40513

3.5" hard drive mounting frame

- For installing 3.5" hard drives into a 5.25" bay
- Metal frame, plastic faceplate with LED
- Includes fixing screws

40526

3.5" Universal FDD to 5.25" bay

- For installing a 3.5" floppy drive into a 5.25" expansion bay
- Sturdy plastic construction
- Includes fixing screws

40515

mSATA to 2.5" IDE SSD Drive, 7mm

- Converts mSATA to 2.5" IDE form factor
- Includes 7mm high 2.5" drive metal frame
- Latch type mSATA connections

20937

2.5" SATA adapter for mSATA SSD (Latching connectors)

- For installation of an mSATA SSD in a 2.5" SATA slot
- 22 pin SATA male connector
- Fits into standard 2.5" drive slots & enclosures
- also in 7mm or 9.5mm frames

mSATA SSD to 2.5" SATA Drive Enclosure

- Converts mSATA SSD to a 2.5" drive form factor
- Internal 52 pin mSATA female connector, external 22 pin SATA male connector
- Supplied with mounting screws & screwdriver

Micro SATA to 2.5" SATA Drive Aluminium Enclosure

- Converts Micro SATA drives to 2.5" SATA form factor
- For 1.8" HDD/SSDs
- 5V to 3.3V voltage regulator
- 7 Pin Data + 15 Pin Power (SATA port) to 7 Pin Data + 9 Pin Power (device) connector

M.2 SSD to 2.5" SATA Adapter

- Converts M.2 (NGFF) SSD to SATA 22 pin form factor

20934:
- 7mm - suitable for Ultrabooks

20941:
- 9.5mm

mSATA & M.2 SSD to 2.5" SATA Drive Enclosure

- Height: 9.5mm
- Supports mSATA or M.2 SSDs
- Fits standard 2.5" drive slots & enclosures (No. 43119)

7mm	20959	20933	20932	1x M.2 SSD	20934	20939
9.5mm	20972			2x M.2 SSD w/ RAID	20941	

LINDY

2.5" SATA Module for 3.5" Bay, 15mm

rear   front (with HDD)

This simple adapter allows you to populate a 3.5" SATA bay or enclosure with a 2.5" SATA HDD or SSD. The 2.5" HDD/SSD is easily inserted into the adapter (no fixing required) which can then be installed as a standard 3.5" SATA HDD. (only bottom fixing holes!)
- For 2.5" SATA & SAS HDDs & SSDs up to 15mm in height

20979

2.5" SATA Module for 3.5" Bay, 9.5mm

rear   front (with HDD)

This simple adapter allows you to populate a 3.5" SATA bay or enclosure with a 2.5" SATA HDD/SSD. The 2.5" HDD/SSD is easily inserted into the adapter which can then be installed as a standard 3.5" SATA HDD.
- For 2.5" SATA HDDs & SSDs up to 9.5mm height

20969

5.25" Backplane for Slim ODD & 2.5" HDD & USB

- For slim optical disc drives
- Drive bay for 2.5" SATA HDD/SSD
- 2 USB front connectors

20966

FOR MORE 5.25"
AND 3.5" MODULES,
SEE PAGES 162

... check the latest products at LINDY.com

SATA SSD/HDD Adapter for CD/DVD/BD Slim drives

Install a second internal drive or SSD into your notebook with 3 versions available for different heights:
20935:
- For Ultra Slim ODD drives (9.5mm)
- For 2.5" SATA SSD or HDD (max. 7mm in height)

20936:
- For Slim ODD drives (12.7mm)
- For 2.5" SATA SSD or HDD (max. 9.5mm in height)

20929:
- For Slim ODD drives (12.7mm)
- For mSATA or M.2 SSD (max. 9.5mm in height)

SATA Adapter for 9.5mm Ultra-Slim drives	20935
SATA Adapter for 12.7mm Slim drives	20936
mSATA/M.2 Adapter for 12.7mm Slim drives	20929

3.5" Bay for 2.5" HDD/SSD, USB & eSATAp

- Fits to any standard 3.5" drive bay
- Suitable for 2.5" hard drives and SSDs up to 9.5mm in height
- 4 additional front connectors:
  3x USB 2.0, 1x USB/eSATAp 5V & 12V Port
- Includes data and power cable

20967

3.5" Internal Multi-Card Reader & USB port

- 6 slot card reader: M2, xD, CF/MD, SD/MMC,
  TransFlash (TF), MS
- USB front panel port
- For installation into 5.25" bay, please use 40515

42729

PC & SYSTEM COMPONENTS

4x 2.5" SAS & SATA Backplane 5.25" ECO

- 4 Drive bays for SAS or SATA disks up to 12.5mm in height
- Internal SAS SFF-8482 backplane connector, SATA compatible
- External SATA ports, 2 per disk, primary (black) and secondary (orange) channel
- Power supply with 15 pin SATA power
- LED for power & HDD activity
- Individual locks for each drive bay, 2 keys
- Two 40mm rear fans
- Occupies only a standard 5.25" drive bay
- About 19cm in depth with cables

SATA Backplane Module

- For 3.5" SATA HDDs up to 6 Gbit/s
- Disk snaps directly into the backplane
- Metal frame with vibration dampers
- Lockable drive eject handle with automatic drive release system

20971:
- No scratch connector protects the hard drive contacts and is tested to exceed over 10k insertions/ejections
- Power and activity LEDs

21978:
- Power and activity LEDs

SAS & SATA Backplane Module

- For 3.5" SAS and SATA HDDs
- External: 2 SATA 7 pin connectors (prim. & sec.)
- Internal: SAS Backplane port for SFF-8482, SATA compatible
- Hard drives snap directly into the backplane
- LEDs for power and activity
- Fits into a standard 5.25" bay
- Locking lever with ejection mechanism
- Metal frame with rubber bearings prevents vibrations and noise
- Depth is about 19cm

21981	Premium, No Scratch SATA	20971	21970
	Premium	21978	

Quad Drive System eSATA & USB 3.0

- External desktop hard drive enclosure with SuperSpeed USB 3.0/2.0 and eSATA interface
- For four modern 3.5"/2.5" SATA HDDs
- Connection via a single USB 3.0 or eSATA cable

43124

USB 3.0 Dual 2.5" Mobile RAID

- Compact stand alone RAID system
- For 2.5" SATA HDDs/SSDs
- Configurable via DIP switches: RAID0/RAID1/JBOD/Non-RAID

43125

Carry Case for HDD/SSD

- Leatherette case with side pocket for cables etc.
- For 3.5" or 2.5" HDDs / SSDs

40684

3.5" HDD Storage Case, gray

- With foam padding
- Antistatic protection
- Stackable

40682

3.5" HDD Storage Case, blue

- With foam padding
- Antistatic protection
- Stackable

40686

2.5" HDD Storage Case, black

- With foam padding
- Antistatic protection
- Stackable

40687

INTERNAL BACKPLANE
DETACHABLE CONNECTIONS

With increasing size and speed and the steady fall of storage media cost, storing huge amounts of data is becoming more convenient and affordable. Thanks to technological advances, HDDs and SSDs reach new heights in capacity and speed. However, this also increases the potential risk for suddenly loosing large amounts of data in case of a disk failure. That is why backup and data protection are more important than ever.

LINDY offers a wide range of removable mounting frames, external enclosures, mounting rails, and storage systems of any type and size. Whether it is a storage medium that you only use on the road once a week or a disk you that you put in a vault every night, whether it is a single SATA drive or an SSD that you connect to a notebook or a whole RAID array: LINDY has the right solution for all of these and even more applications.

Always well equipped with LINDY products!

- Screw, Nut & Jumper Assortment Box
- For details see www.LINDY.com

66050

Hex Nut for 'D' Connector Locking Post

- For example, to connect two Sub-D connectors, when only screws are provided.
- Contents: 10 pcs.

62050

Screws, Nuts, etc.

66003   66002   66021   62270

66026   66000   66001

- In resealable LINDY poly bag

Screw 6-32 UNC x 6mm	50 pcs	66000
Screw 6-32 UNC x 4mm	50 pcs	66001
Screw M3 x 4mm Phillips	50 pcs	66002
Screw M3 x 5mm Phillips	50 pcs	66003
M3 hex spacers, 6 x 5mm	50 pcs	66021
UNC 4-40 hex bolts & nut for D-connector	10 pcs	66026
Jumper, 2.54mm	10 pcs	62270

LINDY Connectors

62042   62051

- Solderable Sub-D male and female connectors for building your own cables and adapters, tough metal construction
- 5 pieces per pack

9 pin Sub-D male connector	metallic	5 pcs	62042
9 pin Sub-D female connector	metallic	5 pcs	62051

CRIMPING AND OTHER TOOLS, SEE 131

... check the latest products at LINDY.com

5" Side Cutter for patch cable

- For copper cable, and for cutting patch cable ends
- For use with copper up to 1.2mm core diameter only
- Thickness of blades ~3mm, length of blades ~8mm

43207

Hook & Loop Cable Ties, 10 pcs

- Cable tie with hook and loop design closure for secure, re-usable fixing
- Ideal for general purpose desk top cable use or in a network or AV cabinet

	Black	Red	Yellow	Blue	Purple
17.5 cm	40767	40768	40769	40775	40783

	Black	Red	Yellow	Blue	Purple
20 cm	40791	–	–	–	–
30 cm	40795	40796	40797	40798	–

Spiral Cable Tidy

- Flexible spiral cable wrap with clip tool for cable mounting

2m, Ø ~25mm	40575
5m, Ø ~25mm	40581

Cable Ties

- Material: polyamid 6.6 (nylon)

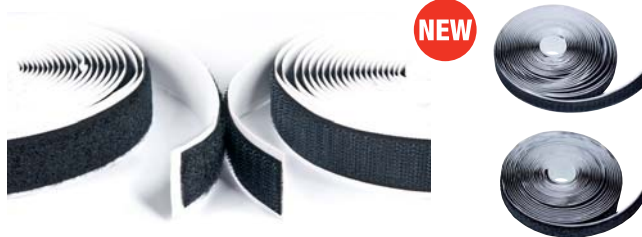| Cable Ties 100 pcs	Transparent	Black
2.5 x 100mm	40660	–
3.6 x 250mm	40661	40666
4.8 x 160mm	40662	–
4.8 x 250mm	40663	40668
7.2 x 350mm	40664	–

Hook & Loop Cable Tie Roll, 5m

- Double sided Hook & Loop cable tie roll
- Length ~5m, width 2cm
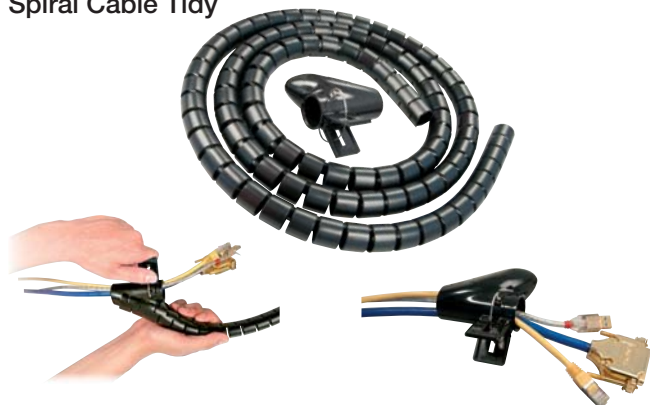
	40582

Hook & Loop Cable Tie, self-adhesive

NEW

- Length ~5m, width 2cm
- 2 pcs: 1x self-adhesive hooks, 1x self-adhesive loops
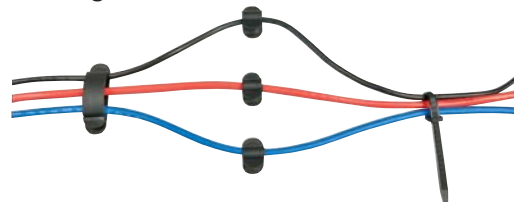- Practical for attaching LINDY products to desks, shelves etc.

	40583

Cable Management Set

- 8 small clips
- 3 large clips
- 5 cable ties

	40763

PC & SYSTEM COMPONENTS

ATX PSU Tester with LCD Display

- This tester allows you to quickly and easily test a computer's ATX power supply. It features an LCD screen which clearly and accurately shows the voltage of the connected inputs.
- Voltage indicator:
  20 / 24 / 8 / 6 / 4 Pol ATX-Stecker SATA

Universal Cable Tester

- Cable tester for all standard computer cables with the following connections: S9/15/25 Way D, 15 Way HD, BNC, RJ45, Centronics (male), USB and IEEE 1394 FireWire.
- Requires 9V battery (not included)

Multifunction Cable Tester: analog & digital

- Semi-automatic, LCD display and optional data transfer to PC

43019:
- DVI, HDMI, VGA, USB Type A/B, FW/1394 6/4, RCA, D9/15, BNC, RJ45/11/12, SATA, IDC 40/34, F Type

43069:
- DP, HDMI, Mini HDMI, Micro HDMI, VGA, USB 2.0/3.0 A/B / Micro-A/-B, USB 2.0 Mini-B, eSATAp 5V, SATA 7P, RJ 10/11/45, 3.5 mm Audio, IDC-40

43058	
43054	
DVI, FW, USB 2.0 …	43019
DP, USB 3.0/2.0 …	43069

USB Power Meter with Quick Charge Support

NEW

- Measures power consumption with voltage and amperage display
- Max power output: < 24 V, <6 A

Cable Tester for HDMI cable

- Semi-automatic, RX and TX for testing installed cable
- Connectors: HDMI type A (standard)
- Also works with appropriate adapters HDMI Type C, D and DVI

LAN Tester RJ45/12/11/10

- Reads pin configurations of RJ45, RJ12/11 and RJ10 cable
- Includes RX and TX unit
- For installation and patch cable

43032	43062	43008

Anti-Static Wrist Strap

- Helps to prevent electrostatic charge building up when handling CMOS and other devices prone to electrostatic damage
- Adjustable to ensure a comfortable fit

Anti-Static Service Kit

- Package contents:
- – Static dissipative mat with two storage pockets
- – 2.5m ground cord with crocodile clip
- – 1.5m coiled wrist strap cord
- – Adjustable wrist strap

Interface Tester, Loop Back Connector

- You can test your serial ports and verify proper operation. Software is needed for proper testing (not included)

40165	43080	60254

6 Piece Torx Set

- Torx screwdriver
- Hardened steel (50mm)
- T7H, T8H, T9H, T10H, T15H, T20H

43015

7 Piece Screwdriver Set

- 3x Phillips screwdriver
  Phillips (50mm): #00, #0, #1
- Screwdriver 4x (50mm)
  for slotted screws: 1.6 / 2.0 / 2.4 / 3.0 mm

43013

5 Piece Torx Set, small

- 5 piece torx set
- Torx bits: T6, T7, T8, T9, T10
- Plastic with swivel head, about 11cm

43012

Universal & LAN Tool Kit, 54 pcs

- LAN tester & crimp pliers, side cutters, and screwdrivers and many other accessories!
- For more details please visit www.LINDY.com

43057

PC Compact Service Kit

- Flathead driver: 3.17mm, 4.76mm
- Philips drivers: #0, #1
- Female bits: 4.76mm, 6.35mm
- Torx bits: T-10 and T-15
- IC extractor 8-16 pins
- Assembly tweezers
- 3 claw parts holder
- Spare parts tubes

43041

Precision Service Kit

- 3x Philips drivers (50mm, #00, #0, #1)
- 3x Flathead drivers (2.0mm, 2.4mm, 3.0mm)
- 4.5" side cutters
- 5.5" long nose pliers
- 5.5" long nose pliers with 45º angle
- 5.5" flat nose assembley pliers
- 5.5" needle nose plierss

43016

Premium Tool Kit, 35 pcs

- 35 piece tool kit for computer and network technicians. Bag with handle and shoulder strap
- Digital Multimeter
- Screwdriver, screw wrench, pliers and crimp tools
- Soldering iron, desoldering pump, mount and solder
- Anti-static wrist strap

43043

HDMI Tool Kit

- Create HDMI cables to whatever length you wish whenever you need them
- HDMI Crimp Tool, HDMI Tester with 9V battery, 10 HDMI connectors with wire guide, 5 wire compression guides, LINDY manual
- Use with 100m HDMI bulk cable (43068), available separately!

43063

HDMI Connector

- Use this HDMI Connector in conjunction with the LINDY HDMI cable (43068) and HDMI Tool Kit (43063) to create HDMI cables
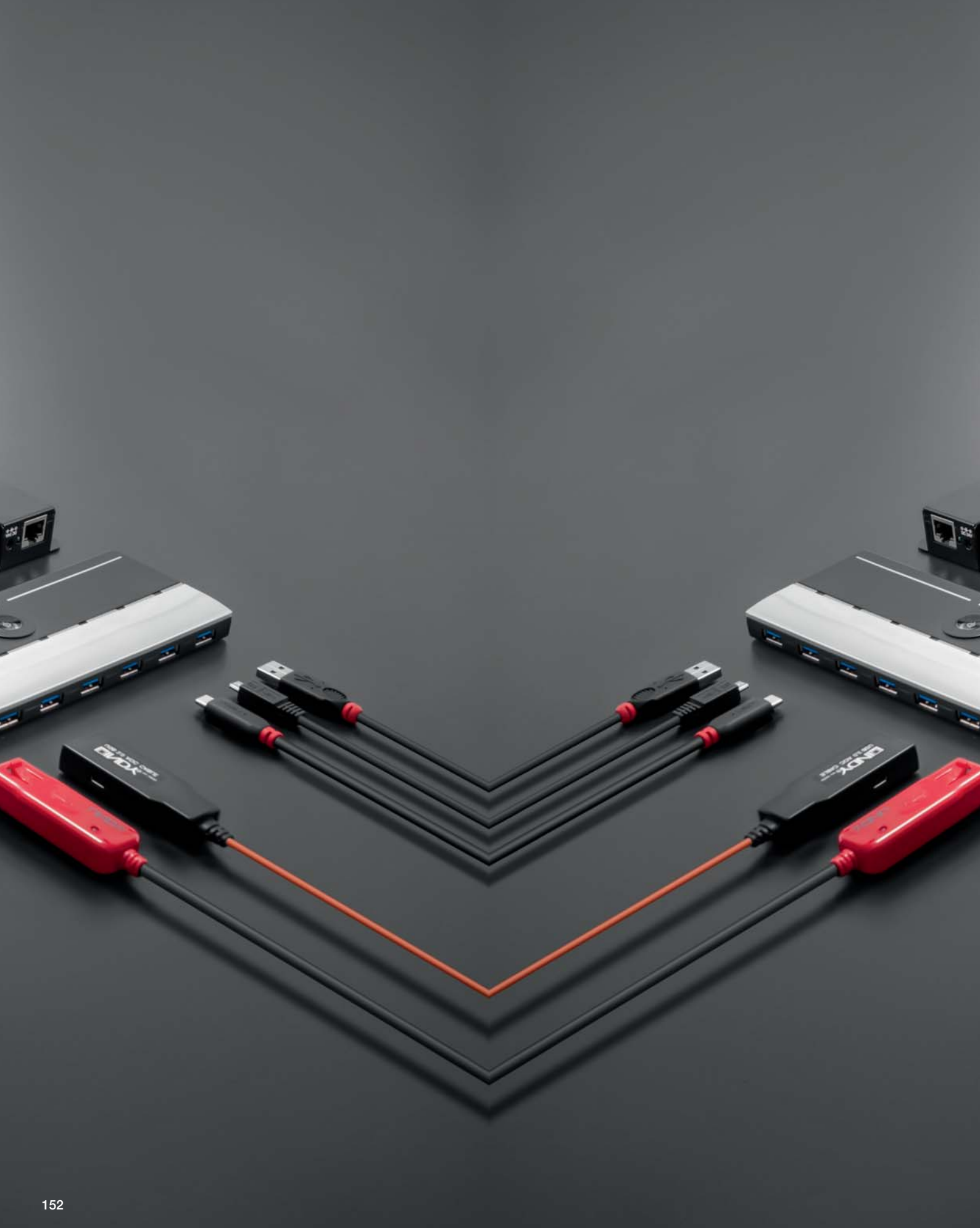
43066

100m High Speed HDMI bulk cable with Ethernet

- Bulk cable to be used with HDMI tool kit (43063)
- Max length is 10m at full 1080p resolution and 12-bit colour depth
- Raw unterminated HDMI Cable supplied on a 100m reel
- Triple shielded

43068

PC & SYSTEM COMPONENTS

USB & THUNDERBOLT
UNIVERSAL

7

8

10

9

CONNECTOR OF THE FUTURE
USB 3.1 SUPERSPEED+

The USB 2.0 standard today belongs to every modern PC, laptop and peripheral. Sometimes, depending on the chipset, up to twelve ports are available to the user. Unlike the early days of this interface, users are hardly ever confronted with problems related to USB. However, users experience the USB port more and more as a bottleneck in recent years. The reason is the ever-increasing range of applications, technological advances and the resulting bandwidth requirements of modern applications - especially the ever faster USB sticks and external hard disks, both with steadily growing data capacity. Looking further into the future, it becomes clear that not only ever faster storage media, but also developments such as 4K TVs, HDTV DVB receivers or entertainment electronics such as Smartphones with several hundred GB capacity will require a faster interface. Furthermore, the charging of mobile and operating stationary devices via USB is becoming increasingly important in mobile life. Not to forget video streaming from mobile sources to output devices in the highest resolution.

All these requirements and developments show: we need a faster, better standard with more bandwidth and a better power supply for the devices. The LINDY product portfolio has been developed in accordance with the industry standard USB 3.1 SuperSpeed+ as a next generation solution for current and future USB applications. It meets highest quality requirements to connect even bandwidth hungry devices reliably and safely. The product portfolio is suitable for daily mobile use in the business environment and sufficiently robust for industrial applications. This new standard also has a new connector type, the universal USB plug Type-C plug. Only Type-C makes it possible to use all specifications of the new standard in its entirety. The compact connector provides a single port for data up to 10Gbps, power for up to 100 watts, and A/V signal transmission. The USB plug Type-C plug can also be connected to the socket in both orientations, which simplifies daily use. The small and flat plug with its compact dimensions allows manufacturers to design thinner and lighter devices in the future. The use of only one cable for charging, transmitting data and connecting A/V displays is a result of today's handling of devices and their increasing number. However, it ignores the desire of many customers to use their existing USB peripherals and displays. Here too, the LINDY product portfolio leaves nothing to be desired, because adapters provide backward compatibility with the older Type A connector as well as HDMI, VGA, and DisplayPort. As a result, devices with these connectors can be used optimally on devices with USB Type-C. Hubs can be used to connect a larger number of peripheral devices even if only one Type-C connector is available. For this, only the hub with Type-C is connected to the host, for example, a notebook.

VGA

NEW 43230

43190

NEW 43194
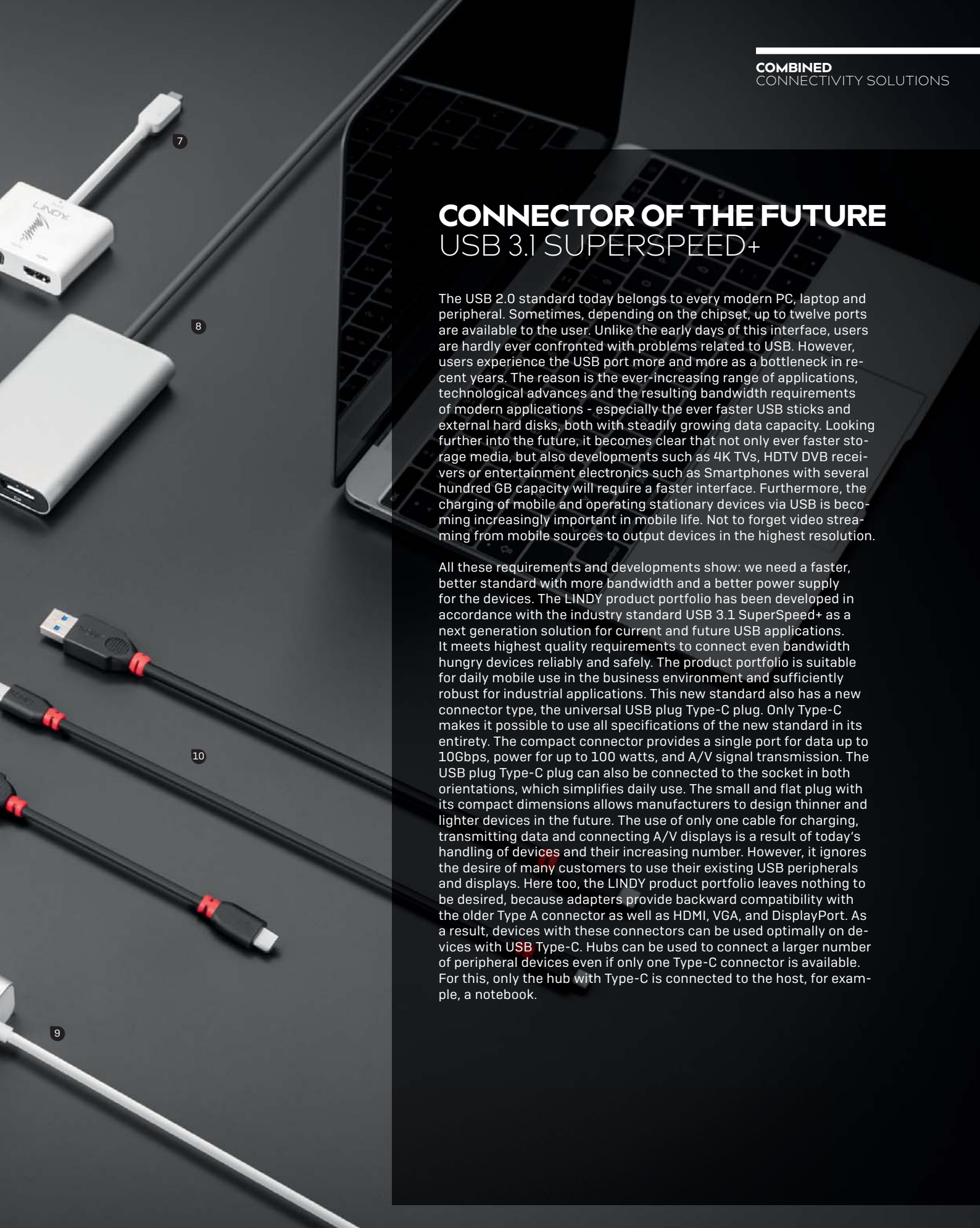
- Connect a VGA Monitor to a computer with
  USB Type-C port and DisplayPort Alternate Mode
- Max. resolution: 1920 x 1080
- Power via USB Bus (900mA)
- With USB Type-C Power Delivery port (up to 60W) for charging
  Macbooks/Notebooks (43194, 43230)
- With USB Type A port (USB 3.1 Gen 1 or USB 3.0)
  for connecting a USB device (43230)

USB 3.1 VGA Adapter Type-C	43190
USB 3.1 VGA Adapter Type-C with Power Delivery NEW	43194
USB 3.1 VGA Adapter Type-C with USB Type A port & PD NEW	43230

DVI

43191

NEW 43195

LEARN MORE →154

- Connect a DVI Monitor to a computer with
  USB Type-C port and DisplayPort Alternate Mode
- Max. resolution: 1920 x 1200 (Single Link)
- Power via USB Bus (900mA)
- With USB Type-C Power Delivery port (up to 60W) for charging
  Macbooks/Notebooks (43195)

USB 3.1 DVI Adapter Type-C	43191
USB 3.1 DVI Adapter Type-C with Power Delivery NEW	43195

HDMI

NEW 43196

LEARN MORE →154

NEW 43198

NEW 43178

LEARN MORE →154

NEW 43197

- Connect an HDMI Monitor to a computer with
  USB Type-C port and DisplayPort Alternate Mode
- Max. resolution: 4K 3840 x 2160@30Hz (43196, 43198)
  or 4K 4096 x 2160@60Hz (43178, 43197)
- Power via USB Bus (900mA)
- With USB Type-C Power Delivery port (up to 60W) for
  charging Macbooks/Notebooks (43178, 43196, 43198)
- With USB Type A port (USB 3.1 Gen 1 or USB 3.0) for connecting
  a USB device (43198)

USB 3.1 HDMI Adapter 4K30 Type-C with Power Delivery	43196
USB 3.1 HDMI Adapter 4K60 Type-C	43197
USB 3.1 HDMI Adapter 4K60 Type-C with Power Delivery	43178
USB 3.1 HDMI Adapter 4K30 Type-C with USB Type A port & PD	43198

DisplayPort

NEW

- Connect a DisplayPort Monitor to a computer with
  USB Type-C port and DisplayPort Alternate Mode
- Max. resolution: 4K 3840 x 2160@60Hz
- Power via USB Bus (900mA)

USB 3.1 DisplayPort Adapter Type-C	43193

Dual Display

NEW

LEARN MORE →154

- Supports the output to two monitors simultaneously,
  one HDMI and one VGA. A USB Type-C port with
  DisplayPort Alternate Mode support is required
- Max. resolution: 4K 3840 x 2160@30Hz (HDMI),
  1920 x 1200@60Hz (VGA)
- Power via USB Bus (900mA)

USB 3.1 Dual Display Adapter HDMI & VGA	43179

FOR THUNDERBOLT 3 ADAPTER, SEE PAGE 178

LINDY

USB 3.1 Type-C Hubs & Card Readers

LEARN MORE →154

NEW

NEW

LEARN MORE →154

USB 3.1 / 3.0 Notebook Hub

- 4 USB 3.1 Gen 1 / 3.0 ports Type A
- USB bus powered (900 mA)

43154

USB 3.1 / 3.0 Hub with Power Delivery

- 3 USB 3.1 Gen 1 / 3.0 ports Type A
- USB Type-C Power Delivery port (up to 60W) for charging Macbooks/Notebooks

43090

USB 3.1 / 3.0 SD/microSD Card Reader

- USB 3.1 Gen 1 / 3.0 Standard
- Memory card reader for SD and microSD cards

43185

USB 3.1 Type-C Adapter and Enclosure

NEW

NEW

USB 3.1 Gigabit Ethernet Adapter

- USB 3.1 Gen 1 / USB 3.0 Standard
- Gigabit Ethernet (10/100/1000 Mbit/s)

43164

USB 3.1 / 3.0 Hub & Gigabit Ethernet Adapter

- 3 USB 3.1 Gen 1 / 3.0 ports Type A
- Gigabit Ethernet interface (10/100/1000Mbit/s)
- Optional power supply, 73824

43177

USB 3.1 SATA 6Gbit/s Drive Adapter

- USB 3.1 Gen 2 (10Gbit/s) to SATA 6Gbit/s Adapter
- For SATA drives in 2.5", 3.5" and 5.25"
- Optional power supply, 73806

43189

NEW

NEW

NEW

USB 3.1 2.5" HDD/SSD Enclosure

- USB 3.1 Gen 2 Standard SuperSpeed+ (10Gbit/s)
- Toolless installation of 2.5" SATA HDDs and SSDs up to 9.5mm
- USB bus powered (900mA)

43184

USB 3.1 mSATA SSD Enclosure

- Aluminum enclosure for mSATA SSDs
- USB 3.1 Gen 2 Standard SuperSpeed+ (10 Gbit/s)
- USB bus powered (900mA)

43186

USB 3.1 M.2 SSD Enclosure

- Aluminum enclosure for M.2 SSDs
- USB 3.1 Gen 2 Standard SuperSpeed+ (10 Gbit/s)
- USB bus powered (900mA)

43187

USB & THUNDERBOLT

USB 3.1 / 3.0 Hubs

NEW

43154

43152

USB 3.1 / 3.0 Hub with Power Delivery

- 3 USB 3.1 Gen 1 / 3.0 Ports Type A
- Fixed USB Type-C cable
- USB Type-C Power Delivery port (up to 60W) for charging Macbooks/Notebooks

USB 3.1 / 3.0 Notebook Hub

- 4 USB 3.1 Gen 1 / 3.0 Ports
- USB bus powered (900 mA)

USB 3.1 / 3.0 Hub

- 4 USB 3.1 Gen 1 / 3.0 Ports
- Incl. USB 3.1 Gen 1 / 3.0 cable A/B and additional USB power cable A / DC

43090	USB Male Type-C **43154**	**43133**
	USB Male Type A **43152**	

USB 3.1 / 3.0 Hub Basic

- 4 USB 3.1 Gen 1 / 3.0 Ports
- Incl. USB 3.1 Gen 1 / 3.0 cable A / Micro-B

USB 3.1 / 3.0 Hub with On/Off switch

- 4 USB 3.1 Gen 1 / USB 3.0 Ports
- Each port includes independent on/off switch
- Incl. USB 3.1 Gen 1 / 3.0 cable A / Micro-B

USB 3.1 / 3.0 Desk Hub & Card Reader

- Fits into desk's pre-cut holes of 60mm
- 3 USB 3.1 Gen 1 / 3.0 Ports, Card Reader with SDXC & Micro SDHC slots
- Connectors for headphones and mic
- USB 3.1 Gen 1 / 3.0 cable Type A

43143	**43167**	**43161**

USB 3.1 / 3.0 Hub 7 Port with 2 Charging Ports

- 7 USB 3.1 Gen 1 / 3.0 Ports
- 2 additional charging ports (BC 1.2) with max. 2.4A per port
- Incl. power supply 12V 4A
- USB 3.1 Gen 1 / 3.0 cable A / B

USB 3.1 / 3.0 Metal Hub

- 7 USB 3.1 Gen 1 / 3.0 Ports
- Metal housing
- Incl. power supply, brackets with screw holes, USB 3.1 Gen 1 / 3.0 cable A / B

43153	**43128**

LINDY

USB 2.0 Hubs

USB 2.0 Mini Hub

- Mini format 4 x 4 cm
- USB bus powered

USB 2.0 Smart Hub

- Available with or without power supply
- Model without PSU but with connection for optional PSU (70222)

USB 2.0 Hub

- Compact hub
- With power supply

USB 2.0 Cable Hub

- For maximum flexibility: 3 USB A ports & 1 USB Mini-B plug for MP3 player, smartphones or 2.5" HDD
- Connection for optional power supply

42742		

w/o psu	42998	
with psu	42999	

42619

42836

USB 2.0 Notebook Hub

- Small and flexible 4 port hub
- USB plug can be rotated in all directions
- Bus powered

USB 2.0 OTG 4 Port Hub

- Compatible with tablets and smartphones, that have OTG/USB host function
- USB bus powered; with optional psu connector (73823)
- Connectors: USB Micro-B male

USB 2.0 Metal Hub

- 7 port hub for use in industrial environment
- Euro power supply included and brackets with screw holes for proper installation
- Incl. USB 2.0 cable

42621

42627

42794

USB 3.1 / 3.0 Card Readers

NEW

USB 3.1 / 3.0 SD/microSD Card Reader

- USB 3.1 Gen 1 / 3.0 Standard
- Card readers for SD and microSD cards

43185

USB 3.1 / 3.0 Multi-Card Reader UHS-II

- USB 3.1 Gen 1 / 3.0 Standard
- Supports most memory cards incl. SD cards with UHS-I or UHS-II (max. data rate up to 312 MB/s)
- 4 card slots CF, MS, SD, MicroSD

43163

USB 3.1 / 3.0 Multi-Card Reader

- USB 3.1 Gen 1 / 3.0 Standard
- 5 slots for 80 types of memory cards
- Supports high capacity cards such as CF UDMA or SDXC up to 64GB
- USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43150

USB 2.0 Card Readers & Hubs

LEARN MORE →176

USB 3.1 / 3.0 SD/microSD Card Reader

- USB 3.1 Gen 1 / 3.0 Standard
- Card reader for SD & microSD cards
- Reads the following card types: SD, SDHC, SDXC, miniSD (with adapter - not included), microSD, MMC/RS, MMC/MMC, Micro/MMC mobile

43151

USB 2.0 OTG & PC Card Reader

- SD and microSD card slots for: SD, SDHC, SDXC, miniSD (with adapter - not incl.), microSD
- USB A male for PC connection
- USB Micro-B male for tablets and smartphones, with card reader support

42625

USB 2.0 Multi-Card Reader Classic

- 6 card slots: CF/ SD/ xD/ TF/ M2/ MS
- Reads more than 80 memory cards (see website for details)
- Supports PC & Mac

42741

FireWire 800 Hub / Repeater

USB 2.0 Chip Card Reader

- For money and phone cards, electronic signature, etc.
- Drivers included, application software not included
- Supports PC & Mac

42768

FireWire800 Hub / Repeater

- 3 FireWire 800 ports (9 pin)
- Data transfer rates up to 800Mbit/s
- Power supply included

32911

LINDY

USB 3.1 / 3.0 Hub & Gigabit Ethernet Adapter

NEW

- Provides 3 USB Type A ports (USB 3.1 Gen 1 / 3.0) and a Gigabit ethernet interface
- Connects via USB Type A male
- USB bus powered (900mA)

	43176

NEW

- Provides 3 USB Type A ports (USB 3.1 Gen 1 / 3.0) and a Gigabit ethernet interface
- Connects via USB Type-C male
- Optional power supply, 73824

	43177

USB 3.1 / 3.0 Switch Hotkey

- USB 3.1 Gen 1 / 3.0 Standard
- 2 computers share one USB device
- Switch between computers via button on the switch or keyboard hotkey

	43149

USB 3.1 / 3.0 Switch

- USB 3.1 Gen 1 / 3.0 Standard
- 2 or 4 computers sharing a USB device
- Switch between computers via button

2 computers	43141
4 computers	43144

USB 2.0 Sharing Hub

- 2 PCs access up to 4 USB devices
- Selection of active computer by switch button

	42887

USB 2.0 Switch

USB 2.0 Auto Switch Pro

- For up to 4 computers
- Automatic switching via hotkey, software or manual switch button
- Can be combined with a USB hub for additional USB devices

	42843

USB 2.0 Switch Classic

- For 2 or up to 4 computers
- Automatic switching by hotkey, or by manual switch on the device
- Can be combined with a USB hub for additional USB devices

2 computers	42795
4 computers	42784

details at www.LINDY.com

USB & THUNDERBOLT

Internal USB 3.1 / 3.0 Hubs

3.5" Internal USB 3.1 / 3.0 Hub

- With 19 pin USB 3.0 mainboard connector
- 4 USB 3.1 Gen 1 / 3.0 ports

43146

3.5" USB 3.1 / 3.0 Front Panel

- 3.5" front panel for two additional USB 3.1 Gen 1 / 3.0 ports
- Directly connect to mainboard via
- 19 pin USB 3.0 internal cable

43134

Internal USB 2.0 Hub & Card Reader

3.5" Internal Multi-Card Reader & USB port

- 6 slot card reader: M2, xD, CF/MD, SD/MMC, TransFlash (TF), MS
- USB front panel port
- For installation into 5.25" bay, please use 40515

42729

Internal Modular Bay

3.5" Modular bay for 2.5" HDD/SSD with USB ports & eSATAp

- 1x 2.5" HDD/SSD
- 3x USB 2.0 ports
- 1x eSATAp 5 & 12V (eSATA & USB)

20967

5.25" Modular bay for Slim ODD & 2.5" HDD/SSD, with 2 USB 2.0 ports

- 1x Slim CD/DVD/BD drive bay
- 1x 2.5" HDD/SSD drive bay
- 2x USB 2.0 ports

20966

USB Mainboard Adapter

33459

33472

- Adapts the USB pin header connector of the motherboard or expansion cards to two USB Type A connectors

USB 2.0 / IDC 2 x 5	33459
USB 3.1 Gen 1 / 3.0 / IDC 2 x 10	33472

USB 3.1 / 3.0 Active Extension

43156

LEARN MORE →168

43155

43162

- USB 3.1 Gen 1 / 3.0 Standard
- Extends up to 5, 10, 15, 30m
- **43155 & 43162:** A Maximum allowed are two of these extensions in a series (hardware dependent)
- **43156 & 43162:** Connection for optional power supply (not included)

5 m	43155
10 m	43156
15 m	43162

USB 2.0 Active Extension 5m

LEARN MORE →168

42915

NEW

42817

42830

- Extends the USB cable distance up to 25m (USB standard is 5m)
- A maximum of 5 cables can be cascaded
- **42817**: Slim design
- **42830**: includes 2 screws (UNC 4/40) for mounting the connector

Slim	42817
Premium	42915
Mounted type **NEW**	42830

USB 2.0 Active Extension Hub 10m & 20m

LEARN MORE →168

42630

42631

- USB 2.0 Standard (480Mbit/s)
- For distances up to 10m and 20m
- Max. 2 USB 2.0 active extensions cascadable
- 42630: with 4 port Hub and connector for optional power supply (not included)

10m with Hub	42630
20m	42631

USB 2.0 Active Extension A / B

NEW

- USB 2.0 Standard (480Mbit/s)
- Connectors: USB A male to USB B male
- USB bus powered

10m	42761
15m	42762
20m	42763

USB 3.1 / 3.0 Active Extension System Pro

LEARN MORE →164

- USB 3.1 Gen 1 / 3.0 Standard
- Extends USB signals up to 18m, up to 38m with some hardware systems
- **Always start with the active extension cable 8m (43158)**
- Additional segments, like the active extension pro 10m (43157) can be added
- Use an active extension hub pro 10m (43159) at the end of your system, when connecting USB devices with high power requirements
- Plug & play - driver included with the operating system

	8 m	10 m
	43158	43157
with Hub	–	43159

USB 2.0 Active Extension System Pro

LEARN MORE →164

- Combine up to 5 active extensions from this system to reach a maximum distance of 56mm
- **Always start with the active extension cable 42780**
- Expand the system with up to four (12m or 8m) active extension cables pro
- Plug & play - driver included with the operating system
- If you need several USB ports or want to connect USB bus powered devices with a power consumption of more than 100mA, use an active extension hub pro (8m or 12m) with power supply at the end of your system

	8 m	12 m
	42780	42782
with Hub	42781	42783

USB & FIREWIRE

USB ACTIVE EXTENDER
MODULAR SOLUTIONS

The wide range of LINDY USB Active Extender Pro series devices allows USB signals to be extended and distributed efficiently. By choosing and combining individual elements, USB signals can be transmitted over maximum distances from source to target devices as per requirements. Consisting of USB active extenders and USB hubs, the series provides ease of installation and can be adapted to meet requirements at any time.
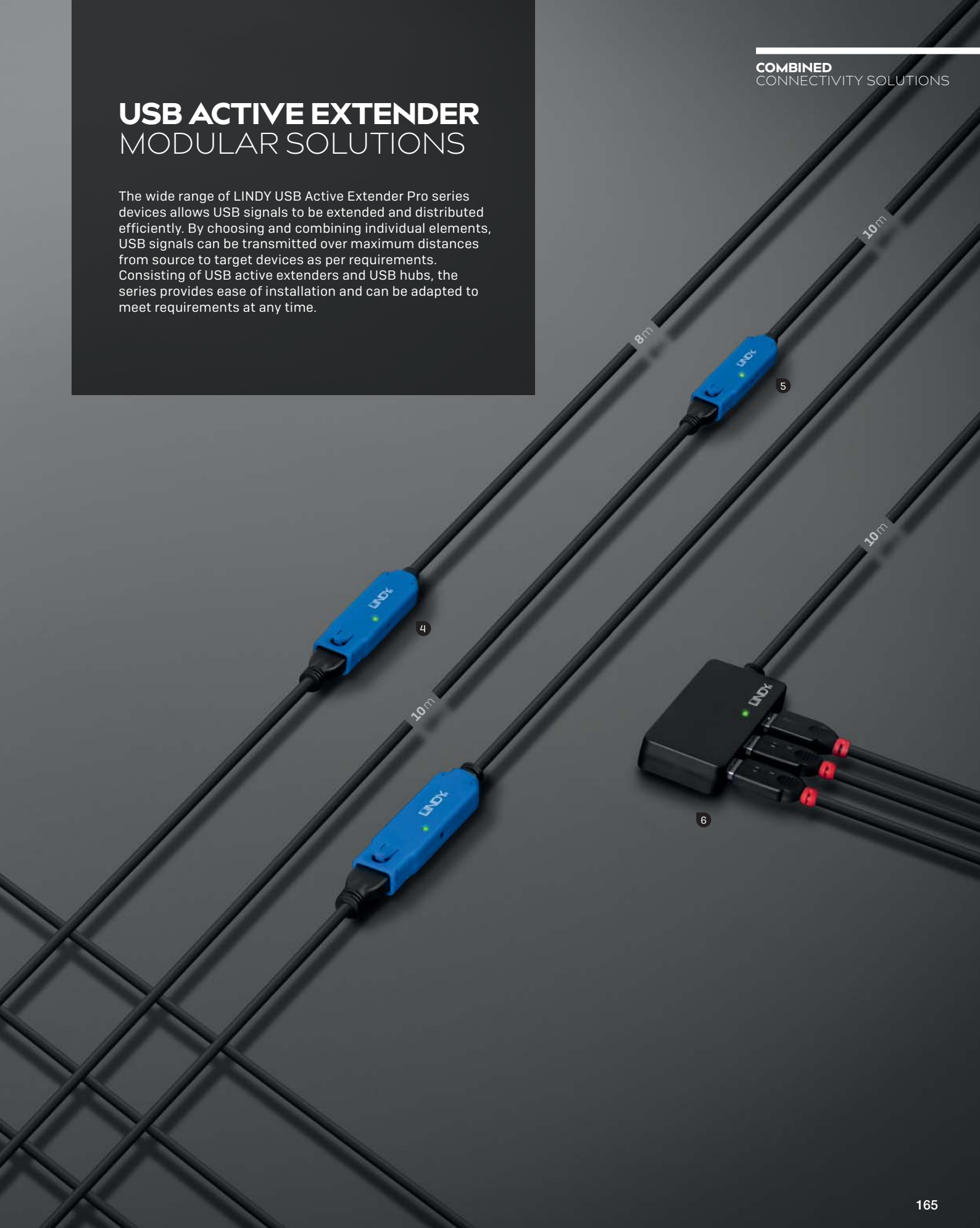
USB 3.1/3.0 Fiber Optic Extender 400m

- Transmits signals up to 400m via a single multi-mode fiber cable
- Supports USB 3.1 Gen 1/USB 3.0 Super Speed (5Gbps), no support for USB 2.0 /1.1!
- Supports USB 3 Vision standard and is particularly suitable for videos systems
- (Industrial Cameras) in Industrial processes, automation, QC, traffic and safety technology

LEARN MORE →168

42707

Optical USB 3.1 / 3.0 Cable

LEARN MORE →168

- Optical USB 3.0 cable supports greater distances compared to conventional copper wire and are much more flexible and lighter.
- Data transfer up to 5Gbit/s up to a distance of 100m
- Supplied with USB A/Micro-B cable and
- USB charging adapter for power supply

30m	50m	100m
42683	42684	42696

USB 2.0 Adapter for Optical USB 3.1 / 3.0 Cable

- Allows USB 2.0 devices to be used with the optical USB 3.1 / 3.0 cable or extender (Art. 42683/4, 42696, 42707)

42682

Premium USB 2.0 Cat.5 Extender 100m

Transmitter front & back

Receiver front & back

7 Port for 2 PCs

- Supports USB 2.0 devices for 2 PCs up to 100m distance
- Receiver unit with integrated 7 port USB 2.0 hub (self powered, also for USB devices with high power requirements)
- Supplied with 2 multi-country power supplies (for transmitter and receiver)

42695

USB 2.0 Fiber Optic Extender 200m

- Transmits USB signals up to 200m via fiber optic cable simplex multi-mode with LC connector or simplex single-mode with SC connector
- Receiver unit with a single USB port, supports USB Hubs for more USB devices
- Incl. power supply adapter for EU/UK/US

LEARN MORE →168

Single-mode Extender	42703
Multi-mode Extender	42702

USB 3.1 / 3.0 Hybrid Cable 50m

- Has the advantages of a fiber glass and a copper cable
- Transmits the USB 3.1 Gen 1/3.0 signal over a distance of up to 50m, backwards compatible with USB 2.0/1.1
- USB bus powered (600mA / 5V) or additional power supply with the USB A/micro-B cable on host computer
- Supports USB3 Vision Standard

NEW

42701

4 Port

LEARN MORE →168

- Supports four USB 2.0 devices up to a distance of 100m
- Supports USB 2.0 Hi-Speed and USB 1.1 Full Speed/Low Speed
- Supplied with 2 multi-country power supplies (for transmitter and receiver)

42700

LINDY

USB 2.0 Cat.5 Extender 50m, Power over RJ45

NEW

- Connects up to 4 USB devices 50m away from the host computer
- The power supply is via the RJ45 cable. If a power supply is connected to the transmitter, no power supply is required at the receiver side
- Supplied with multi-country power supply

42681

USB 2.0 Cat.5 Extender

LEARN MORE → 168

50m Classic 1 Port

- Supports one USB 2.0 device or a hub over a distance of up to 50m
- Supports USB 2.0 Hi-Speed and USB 1.1 Full speed/Low speed
- Supplied with multi-country power supply

42693

100m UTP 1 Port

- Supports one USB 2.0 device or a hub over a distance of up to 100m
- Best performance with U/UTP cable
- Supports USB 2.0 Hi-Speed and USB 1.1 Full Speed/Low Speed
- Supplied with multi-country power supply

42694

50m STP 4 Port

- Supports USB 2.0 devices over a distance of up to 50m, compatible with USB 1.1
- Optimized for STP cable
- Receiver unit with integrated 4 port USB 2.0 hub (self powered, for devices with high power requirements)
- Supplied with multi-country power supply

42688

USB 1.1 Cat.5 Extender, 50m

Local and remote units are connected with an affordable Cat.5 cable (max. 50m). When LowSpeed USB devices e.g. mice are connected, distances up to 100m can be achieved. The local unit must be connected directly to the computer.

The extender creates a signal delay in relation to the Cat.5e cable length. An additional hub or extension can only be connected up to 40m. The extender works transparently and is not seen by the USB bus as a device.

USB 1.1 Cat.5 Extender 1 Port Premium, 50m

- Premium Extender with better compatibility

42801

USB 1.1 Cat.5 Extender 1 Port, 50m

- Optional ECO PSU 5 VDC 2A, not included (Nr. 70227)

42805

USB 1.1 Cat.5 Extender 1 Port Basic, 50m

- Best price/performance ratio

42765

USB 1.1 Cat.5 Extender 4 Port Hub, 50m

- Extender with 4 port hub
- Optional ECO PSU 5 VDC 2.6A, not included (73820)

42802

USB EXTENDER RANGE
FOR LONG DISTANCE

ACTIVE EXTENSIONS

To connect a USB device, e.g. a printer or external hard drive to a computer over longs distances (up to 50m). LINDY Active extenders use built-in electronics to amplify the USB signal and transmit it up to a distance of 50 meters. They can be used in a variety of applications.

CAT.5 EXTENDER

To connect a touch board to a PC at a distance of 50m. USB Extender 42693 bridges 50m using a Cat.5 cable.

Control systems or test benches in industrial applications often need to be controlled and monitored from computers placed at distances of up to 100 meters. Extender reliability has top priority here. Failures could lead to production downtimes thereby leading to high costs or distorting the result of tests - for example, on the life cycles of a motor. The premium model No. 42700 and 42695 meet these requirements. They transmit data over long distances and have been designed for the conditions typical in industrial environments. The metal housing protects against interference radiation. The extenders have 2 power supplies for the transmitter and receiver.

OPTICAL EXTENDER

To manage large volumes of data from a server placed 100m away. USB 3.1/3.0 active optical cable, 42696 which can transmit data volumes far greater than USB 2.0 – up to a maximum of 5Gbps.

To provide remote control and maintenance of a video wall placed 200m away from a server. Electromagnetic fields in the environment make it necessary to protect data transmissions from interference radiation. For these long distances, the USB 2.0 Fiber Optic Extender, 42703 is the perfect solution. It sends the data via Fiber Optic cables at distances of up to 200m. Unlike copper cables, Fiber Optic cables are not suscepti-ble to magnetic interference. The video signal will be transmitted via an HDMI extender.

To monitor industrial manufacturing processes using industrial CCTV cameras at distances of up to 400m. The LINDY USB 3.1/3.0 Fiber Optic Extender 42707 provides access to multiple cameras at different distances, up to a maximum of 400m. It provides support for the new USB 3.0 vision standard making it especially suited to systems with video support.

400m

200m

1
USB 3.0 Active Extender
length: 10 m
→ **page 163,** 43 156

2
USB 2.0 Active Extender
length: 12 m
→ **page 163,** 42 782

3
USB 2.0 Active Extender Hub
length: 10 m, 4 Port Hub
→ **page 163,** 42 630

4
USB 2.0 Cat.5 Extender
length: 50m, 1 Port
→ **page 167,** 42 693

5
USB 2.0 Cat.5 Extender
length: 100 m
→ **page 166,** 42 700

6
USB 3.1 / 3.0 Fiber Optic Cable
length: 30–100m
→ **page 166**

7
USB 2.0 MM Fiber Optic Extender
length: 200 m
→ **page 166,** 42 702

8
USB 3.1 / 3.0 Fiber Optic Extender
length: 400 m
→ **page 166,** 42 707

USB Keyboard & Mouse Cat.5 Extender 300m

- Send USB Mouse & Keyboard signals up to 300m
- Only supports standard keyboards and mice and standard driver
- Not for wireless mice or special features and multimedia keys

32686

USB RS232 Extender Cat.5 70m

- Extends RS-232 signals at a distance of up to 70m
- Consists of transmitter and receiver units, connected via Cat.5 (or higher) cable (cable not included)
- Provides full-duplex transmission, data transfer rates up to 230Kbit/s

32157

USB RS232 Extender Cat.5 2000m

- Gives you control of an RS232 enabled device up to distances of 2000m
- Consists of transmitter and receiver unit, connect via a CAT5 (or higher)
- Full duplex transmission; data rates up to 921.6kbit/s (up to 700m), 230kbit/s (up to 1700m) and 115kbit/s (up to 2000m)
- With 15kV and 8kV ESD Isolation/Surge protection
- Suitable for industrial applications

32155

RS232 EXTENDER VIA CAT. 5 SEE PAGE 199
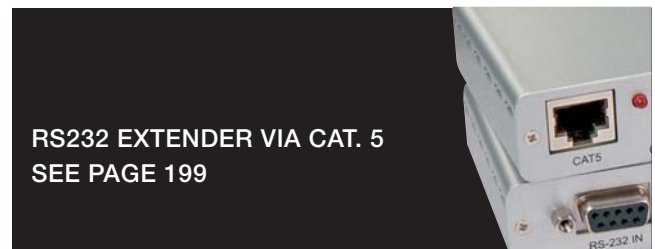
FireWire Extender / Repeater

FireWire 400 / IEEE1394a Repeater, 10m

- Connect your FireWire400 devices over greater distances than the specified 4.5m
- Max. data transfer rate 400Mbit/s
- Daisy chain max. 5 times

32958

FireWire 800 / IEEE1394b Repeater, 10m

- Connect your FireWire800 devices over greater distances than the specified 4.5m
- Max. data transfer rate 800Mbit/s
- Daisy chain max. 5 times

32957

LINDY

USB 2.0 & Parallel Port LAN Print Server 10/100

front & back

- Connects the printer to the network
- 2x USB & 1x Parallel

42 392

USB 2.0 Gigabit Network Server, 4 Port

- For USB devices such as printers or storage devices
- 4 Hi-Speed USB 2.0 Ports, one Gigabit RJ45 10/100/1000 port
- Network protocol: TCP/IP
- Supports Windows

42 633

USB 3.1 / 3.0 Ultra Slim 9.5mm enclosure for optical drives

NEW

- USB 3.1 Gen 1 / 3.0 Standard
- Toolless installation of an internal CD/DVD/Blu-ray drive
- 2.5" HDD or SSD (max. 7mm) can be used with an adapter (20935)

42 714

Self Adhesive Foam Pads

- Gives 7mm or 7.5mm HDDs and SSDs proper grip and protection when installed into standard 2.5" enclosures
- 2 pads can be stacked and applied to slimmer drives

40 556

USB Floppy Disk Drive

- USB floppy drive
- Plug and play
- Capacity: 1.44MB floppy
- Floppy type: 2HD or 2DD

42 716

Carry Case for HDD & Enclosures

- Synthetic leather case with side pocket for cables etc.
- 3.5" SATA HDD

40 684

Storage Case for 2.5" / 3.5" HDD

- With foam padding
- Anti-static protection
- Stackable

3.5" gray	40 682
3.5" blue	40 686
2.5" black	40 687

USB & FIREWIRE

USB 3.1 / 3.0

USB 3.1 / 3.0 M.2 SSD Enclosure

- Aluminum enclosure for M.2 SSDs (about: 9.8 x 3.3 x 1 cm)
- Supports SATA 6 Gbit/s

43187:
- USB 3.1 Gen 2 SuperSpeed+ interface (10 Gbit/s)
- USB 3.1 type-C / Micro-B cable

43126:
- USB 3.1 Gen 1 / 3.0 SuperSpeed interface (5 Gbit/s)
- USB 3.1 Gen 1 / 3.0 A / Micro-B cable

USB 3.1 / 3.0 mSATA SSD Enclosure

- Aluminum enclosure for mSATA SSDs (about: 7.2 x 4 x 1 cm)
- Supports SATA 6 Gbit/s

43186:
- USB 3.1 Gen 2 SuperSpeed+ interface (10 Gbit/s)
- USB 3.1 type-C / Micro-B cable

43117:
- USB 3.1 Gen 1 / 3.0 SuperSpeed interface (5 Gbit/s)
- USB 3.1 Gen 1 / 3.0 A / Micro-B cable

USB 3.1 Type-C M.2 SSD Enclosure **NEW**	43187
USB 3.0 M.2 SSD Enclosure	43126

USB 3.1 Type-C mSATA SSD Enclosure **NEW**	43186
USB 3.0 mSATA SSD Enclosure	43117

USB 3.1 / 3.0

LEARN MORE → 176

USB 3.1 Enclosure 2.5"

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 2 SuperSpeed+ interface (10 Gbit/s)
- Supports SATA 6 Gbit/s
- USB 3.1 Gen 2 type-C / A cable

USB 3.1 / 3.0 Enclosure 2.5" Classic

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 1/ 3.0 SuperSpeed (5Gbit/s) interface
- Dual power cable USB 3.1 Gen 1 / 3.0 and USB 2.0 to A / Micro-B

USB 3.1 / 3.0 & eSATA Enclosure 2.5"

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 1/ 3.0 & eSATA interface
- Dual power cable USB 3.1 Gen 1 / 3.0 and USB 2.0 to A / Micro-B and eSATA cable

43184	43115	43166

USB 3.1 / 3.0

USB 3.1 / 3.0 Enclosure 2.5"

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 1 / 3.0 SuperSpeed interface (5 Gbit/s)
- Supports SATA 6 Gbit/s
- With fixed USB 3.1 Gen 1 / 3.0 type A cable

USB 3.1 / 3.0 Enclosure 2.5" with Hub

- Toolless enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 3.1 Gen 1 / 3.0 (5 Gbit/s) SuperSpeed interface
- Supports SATA 6 Gbit/s
- Integrated 3 port USB hub
- USB 3.1 Gen 1 / 3.0 A / Micro-B cable
- Optional power supply (not included)

43240	43199

USB 2.0

42671

42673

USB 2.0 Enclosure 2.5"

- Aluminium enclosure for 2.5" SATA HDDs and SSDs (up to 9.5mm)
- USB 2.0 (480 Mbit/s) interface
- With USB 2.0 Dual Power cable A / Mini-B
- **42671** with One Touch backup and connector for optional power supply (not available)

Premium	42671
Classic	42673

LINDY

USB 3.1 / 3.0

USB 3.1 / 3.0 & eSATA Enclosure 3.5"

- Aluminum enclosure for 3.5" SATA HDD
- USB 3.1 Gen 1/ 3.0 and eSATA interface
- Power supply with Euro plug
- USB 3.1 Gen 1 / 3.0 cable A / B and eSATA cable

USB 3.1 / 3.0 Enclosure 3.5"

- Aluminum enclosure for 3.5" SATA HDDs
- USB 3.1 Gen 1/ 3.0 (5Gbit/s) interface
- Support SATA 6Gbit/s
- USB 3.1 Gen 1 / 3.0 cable A / B

43107   43109

USB 2.0 Enclosure 3.5" IDE & SATA

NEW

- Aluminum enclosure for 3.5" IDE or SATA HDDs
- USB 2.0 interface (480 Mbit/s)
- Built-in power switch
- Incl. power supply & cable

42705

USB 3.1 / 3.0 SATA/IDE 5.25" ODD

- Enclosure for optical 5.25" drives, e.g. CD/DVD/Blu-ray
- USB 3.1 Gen 1 / 3.0 cable A / B

43138

Quad Drive HDD Enclosure USB 3.1 / 3.0 & eSATA

- External desktop hard drive enclosure USB 3.1 Gen 1 / 3.0 and eSATA interface
- For four modern 3.5"/2.5" SATA HDDs
- Connection via a single USB 3.0 or eSATA cable
- Each drive installs as an individual drive/volume on your computer

43124

USB 3.1 / 3.0 Dual 2.5" Mobile RAID

- Small stand alone RAID solution
- USB 3.1 Gen 1 / 3.0 SuperSpeed Interface, supports 6Gbit/s
- Suitable for 2.5" SATA HDD (up to 9.5mm)
- Tool free drive installation
- Setting via DIP switch: RAID0/RAID1/JBOD/Non-RAID
- USB 3.1 Gen 1 / 3.0 cable A / Micro-B

43125

Dual M.2 SSD RAID Enclosure 2.5"

NEW

- For installing two M.2 SSDs in a 2.5" bay - get one high performance & configurable RAID storage
- Supports RAID 0, RAID 1, Spanning or JBOD
- Functionality without RAID (JBOD) is also possible via SATA controllers with port multiplier

20941

USB 3.1 Docking & Clone Station

- For connecting 2.5"/3.5" SATA HDDs/SSDs to computers via USB 3.1 type-C Interface
- Supports USB 3.1 Gen 2 Super Speed+ up to 10 Gbit/s and SATA up to 6 Gbit/s
- Supports Advanced Format and HDDs > 2.2TB
- Includes 12 V 4 A power supply with adapters with Europe, UK, USA, Australia and USB 3.1 Gen 1 / USB 3.0 cable with type-C to A & USB 3.1 Gen 1 / USB 3.0 adapter with type-C to female A

43231

USB SATA Docking & Clone Stations

USB 3.1 / 3.0 Docking & Clone Station Premium

- Twice as fast cloning (bit to bit copying) compared to conventional Clone Stations
- Additional features in Windows:
  - Already installed HDDs can be cloned
  - Partitions can be adjusted, allows larger HDDs to be cloned to smaller HDDs / SSDs
  - "FlashCopy" allows twice as fast cloning even with USB 2.0
  - "DiskErase" permanently deletes all data
- USB 3.1 Gen 1 / 3.0 cable A / B

43116

USB 3.1 / 3.0 Docking & Clone Stations Basic

- Directly plug in 2.5"/3.5" hard drives with 22 pin SATA interface, micro SATA supported via adapter 33500
- SATA ports easily accessible (e.g. when using adapters)
- Hard drive 1:1 bitwise clone to another hard drive
- Also supports Advanced Format HDD and larger than 2TB HDD
- Incl. multi-country power supply and USB cable

43113

USB 3.1 / 3.0 / eSATA Docking & Clone Station Basic

- Directly plug in 2.5"/3.5" hard drives with 22 pin SATA interface, micro SATA supported via adapter 33500
- Hard drive 1:1 bitwise clone to 3 other hard drive
- Also supports Advanced Format HDD and larger than 2TB HDD
- Incl. multi-country power supply and USB cable

43114

USB 2.0 & eSATA Docking & Clone Station for 2 SATA HDDs

- Connect HDDs easily to your computer without the need to install into case or enclosure, computer connection via USB 2.0 or high speed eSATA
- Directly plug in 2.5"/3.5" hard disks with 22 pin SATA interface, micro SATA supported via adapter 33500
- Supports 3.3V Devices up to 1.2A power consumption
- Incl. power supply and USB cable

42797

USB 2.0 HDD Docking Station

- For 2.5" or 3.5" SATA hard drives with standard 22 pin connector
- Incl. power supply and USB cable

42736

LINDY

USB Drive Adapters

USB 3.1 SATA 6 Gbit/s Drive Adapter

- USB 3.1 Gen 2 (10 Gbit/s) to SATA 6 Gbit/s Adapter
- For SATA drives in 2.5", 3,5" and 5.25"
- Optional power supply available, No. 73 806

USB 3.0 SATA 6Gb/s Drive Adapter

- Supports 2.5"/3.5" SATA hard drives and 5.25" ODD with data transfer rates up to 6Gbit/s
- Incl. power supply

USB 2.0 SATA & IDE Drive Adapter

- For SATA as well as for IDE/ATA drives
- For 2.5" notebook HDDs, 3.5" hard drives and CD/DVD/BD recorders
- USB dual power cable to power 2.5" HDDs
- Adapter cables and power supply included

| 43189 | 43119 | 42868 |

IDE/SATA 2.5" Adapter/Enclosure

mSATA to IDE/SATA 2.5" Adapter

- Adapter frame with 2.5" IDE/SATA HDD format

mSATA to SATA 2.5" Adapter Enclosure

- 7mm height, suitable for Ultrabooks
- As external enclosure when used with adapter 43119

Micro SATA to SATA 2.5" Enclosure

- Use micro SATA SSDs or 1.8" HDDs on notebooks or docking stations (also without 3.3V) via standard SATA connector
- Height: 9.5mmm

m.2 NGFF to SATA Adapter with 2.5" Adapter frame

- Adapter for m.2 NGFF (Next Generation Form Factor) Install SSDs into a 2.5" SATA frame
- 7mm height, suitable for Ultrabooks

Adapter Frame SATA 7 mm	20959
Adapter Frame SATA 9.5 mm	20972
Adapter Frame IDE 7 mm	20937

| 20933 | 20932 | 20934 |

mSATA & M.2 to SATA 2.5" Adapter

- Height: 9,5mm
- For mSATA or M.2 SSDs
- Can be combined with 43119 as external drive

| 20939 |

Dual M.2 SSD RAID 2.5" Enclosure

- For installing two M.2 SSDs in a 2.5" bay - get one high performance & configurable RAID storage
- Supports RAID 0, RAID 1, Spanning or JBOD
- Functionality without RAID (JBOD) is also possible via SATA controllers with port multiplier

| 20941 |

DOCKING STATIONS
MOBILE WORKING

Flexible, mobile working in the office, on the road, or at home using laptops is all the rage. Just as the market share of desktop PCs is down, notebooks and Ultrabook sales are going through the roof. To work in the office or at home, more than just the PC is needed. The data you use also needs to be processed, scanned, copied, printed and sent to a large display or projector as well as data back-up. In other words: Peripherals, including the cables which connect them - are a must! How can you stay mobile and continue to benefit from being able to change locations quickly if you have to disconnect 20 cables each time you shut down the computer before you can get away?

Our LINDY USB 3.0 Notebook Docking Station can help. It will help you with all your connection needs. All peripherals are connected to the notebook via its own USB 3.0 cable. The high bandwidth 5Gbps provided by USB 3.0, the Notebook Docking Station makes simultaneous peripheral operation very easy. Two monitors with extended desktop functionality is a non-issue for this Docking Station nor is Gigabit LAN connectivity, or printer, scanner, card reader, mouse, keyboard, external hard drive, audio devices such as headsets, microphones, speakers, cameras, and much more. You can also use clone stations to clone and back up local hard drives with minimal hassle. Thanks to the DisplayLink technology, the graphics interfaces feature HDMI up to 4K Ultra HD 3840 x 2160 und DVI up to 1920 x 1200; the docking station can even handle the old VGA standard up to 2048 x 1152 via a DVI-I adapter. While on the road, the laptop keeps all your data at hand both at the office and at home. A wide range of the peripherals is accessible via a single cable connection. When your work at the office is done, simply shut down the notebook, unplug and take off.

1

USB 3.1 Docking Station
4K HDMI/DVI
→ **page 178**, 43 183

- -

2

USB 2.0 Multi Card Reader
with 6 Slots
→ **page 160**, 42 741

- -

3

USB 2.0 Active Extender Hub
length: 10 m, 4 Port Hub
→ **page 163**, 42 630

- -

4

USB 3.0 Enclsoure
for SATA 2.5"
→ **page 172**, 43 115

- -

5

Qi Wireless Charging
for Smartphones
→ **page 186,** 73 324

- -

USB 3.1 / 3.0 Notebook Docking Stations

DVI
1920 x 1200

front & rear

NEW

Notebook Docking Station HDMI / VGA / Ethernet

Connect peripheral devices via USB:
- USB 3.1 Gen 1 / 3.0 Port
- 1 RJ45 Gigabit Ethernet port
- HDMI connector (1920x1200 or Full HD 1080p)
- VGA connector for resolutions up to 2048 x 1152
- Compatible with Windows & MacOS
  & Android 5.0 or later

43181

Notebook Docking Station HDMI / DVI / VGA

Connect peripheral devices via USB:
- For 2 monitors or monitor and HDTV at the same time:
  – HDMI connector (1920x1200 or Full HD 1080p)
  – DVI connector (1920x1200) or VGA (via adapter)
- 2 USB 3.1 Gen 1 / 3.0 Ports & 4 USB 2.0 Ports
- 1 RJ45 Gigabit Ethernet port
- 3.5mm stereo audio out & in
- Compatible with Windows & MacOS &
  Android 5.0 or later
- VGA compatible (adapter not included)

43180

Mini Docking Station VGA / Ethernet

- Connects your notebook via USB 3.0 with peripheral
  devices and a VGA monitor
- USB 3.1 Gen 1 / 3.0 SuperSpeed Port
- 1 RJ45 Fast Ethernet port
- VGA port for with support up to 1080p
- USB 2.0 type A female
- Requires an Intel i series 3rd Generation (or higher)
  processor or AMD CPUs with integrated USB 3.0 controller
- Compatible with Windows

43182

Thunderbolt 3 to Dual DisplayPort Adapter **4K** ULTRA HD **5K** ULTRA HD

NEW

- For connecting 2 DisplayPort monitors with a resolution of 4K60Hz
  or a DisplayPort monitor with 5K!
- Compatible with computers with Thunderbolt 3 support
- Input: Thunderbolt 3 USB type-C male
- Output: 2x DisplayPort female
- Maximum resolution:
  – 4K 4096 x 2160@60 Hz
  – 5K 5120 x 2880, when a 5K monitor is connected to both DP outputs

43901

USB 3.1 / 3.0 Notebook Docking Station 4K HDMI/DVI **4K** ULTRA HD **NEW**

For connecting peripherals via USB:
- For 2 monitors or monitor and TV (HDMI) simultaneously:
  – HDMI port, max. resolution 4K Ultra HD 3840 x 2160@30Hz
  – DVI port for resolutions up to 2048 x 1152 (VGA)
    or 1920 x 1200 (DVI-D)
  – Maximum resolution when both HDMI and DVI Ports are used:
    2048 x 1152 or 1920 x 1200
  – VGA compatible up to 2048 x 1152 (DVI to VGA adapter not included)
- USB 3.1 Gen 1 / USB 3.0 SuperSpeed Hub, 4 Ports
- Two USB ports support fast charging according to Battery Charging Standard 1.2
- 1 RJ45 Gigabit network port
- 3.5mm audio port
- Operating Systems: Windows, MacOS & Android 5.0 or later

43183

LINDY

USB GRAPHICS CARD

These USB graphic cards allow you to connect additional monitors to your notebook or PC/Mac. Up to 6 of these USB devices can be connected to a single computer. These devices also allow you to send resolutions via HDMI to your TV device, which are not usually supported by your internal graphic card.

USB VGA / DVI / HDMI Converters

USB 3.1 / 3.0 4K DisplayPort Adapter

- Supports resolutions up to 3840x2160@30Hz
- Supports audio transmission via DisplayPort
- DisplayLink technology
- USB 3.1 Gen 1 / 3.0 Standard
- Supports Windows & MacOS & Android 5.0 or later

USB 3.1 / 3.0 4 K HDMI Adapter

- Supports resolutions up to 3840x2160@30Hz
- DisplayLink technology
- USB 3.1 Gen 1 / 3.0 Standard
- Supports Windows & MacOS & Android 5.0 or later

USB 3.1 / 3.0 HDMI Adapter

- Supports resolutions up to 1920x1200, Full HD 1080p
- Supports Windows & MacOS & Android 5.0 or later
- DisplayLink technology
- USB 3.1 Gen 1 / 3.0 Standard

USB 3.1 / 3.0 VGA Adapter

- Requires an Intel i series 3rd Generation (or higher) processor or AMD CPUs with integrated USB 3.0 controller
- Supports resolutions up to 1200p
- USB 3.1 Gen 1 / 3.0 Standard

43174	43175	43173	43172

USB 2.0 DVI Adapter Pro

front & rear

- Supports DVI-D resolutions up to 1920x1200
- Also supports VGA displays, VGA adapter included
- PC and Mac compatible
- DisplayLink technology
- Supports Windows & MacOS & Android 5.0 or later

USB 2.0 VGA Adapter

front & rear

- Supports VGA resolutions up to 1920x1080
- PC and Mac compatible
- DisplayLink technology

42728	42744

DVI/HDMI & KVM EXTENDER VIA GIGABIT ETHERNET, PAGE 105

... latest products at lindy.com

USB & THUNDERBOLT

Micro USB Serial RS232 Converter for Android

- Connects serial RS232 devices with Android tablets and smartphones
- Delivers power to the mobile device via USB A connector with USB power supply or power bank

42 881

USB RS232 Converter D9/25

- Connect serial RS232 devices via a single USB port
- **42811:** 1x D9 M
- **42812:** 1x D25 M

| 1x D9 M | 42 811 |
| 1x D25 M | 42 812 |

USB RS232 Converter Lite

- Connect serial RS232 devices via a single USB port
- 1x D9 M

42 855

USB RS232 Converter w/ COM retention

- Connect serial RS232 devices via a single USB port
- Can switch between USB ports and retain settings
- 1x D9 M

42 686

USB RS232 Converter 2 Port

- Connect serial RS232 devices via a single USB port
- 2x D9 MM

42 889

USB RS232 Converter 4 Port

front & rear

- Connect serial RS232 devices via a single USB port
- 4x D9 MM

42 858

USB RS232 Converter 8 Port

- Connect serial RS232 devices via a single USB port
- 8x D9 MM

42 894

USB RS232 Converter Basic 4 Port

- Connect serial RS232 devices via a single USB port
- 4x D9 M

42 690

USB RS422 Converter

- For industrial use
- Combines electronic POS devices such as barcode scanners, industrial monitoring and control systems with the USB interface
- RS422 connector (D9 M)

42 844

USB RS485 Converter

- For industrial use
- Combines electronic POS devices such as barcode scanners, industrial monitoring and control systems with the USB interface
- RS422 connector (D9 M)

42 845

USB Parallel Converter

- Connectors: USB type A, 36 pin centronics
- Premium model with improved reliability and compatibility

42 813

USB Parallel Converter Lite

- Connectors: USB type A and 36 pin centronics

42 864

USB Parallel Converter D25

- For connecting printer devices with D25 port

42 882

USB Parallel Mini Centronics

- Connectors: USB type A and 36 pin mini centronics

42 752

USB PS/2 Adapter

- Connections: 2x Mini DIN 6 pin socket, 1x USB type A connector
- Can also be used to connect a USB computer to a PS/2 KVM switch

42 866

USB WiFi Adapter

- Mini adapter for wireless networks according to 802.11n standard, backwards compatible
- Supports data rates up to 150Mbit/s
- Dimensions: 30 x 14 x 7mm

52 059

USB Bluetooth Adapter

- Bluetooth Version 4.0 LE (Low Energy), backwards compatible
- Maximum BT data rates: 3Mbit/s
- Up to 15m range
- Includes the Bluesoleil (IVT 7.0) software

52 214

USB & THUNDERBOLT

LINDY

USB Ethernet Adapter

NEW

USB 3.1 / 3.0 Dual Gigabit Ethernet Adapter

- Gigabit or Fast Ethernet network connection via two RJ45 interfaces
- Network access the cascaded computer without USB connectivity
- Power is supplied via USB Micro-B port
- USB 3.1 Gen 1 / 3.0 Standard

43123

USB 3.1 / 3.0 Gigabit Ethernet Adapter

- Compatible with IEEE 802.3, 802.3u, 802.3ab (10Base-T, 100Base-TX, 1000Base-T)
- USB 3.1 Gen 1 / USB 3.0 specification with up to 5Gbit/s, compatible with USB 2.0/1.1
- Full and half-duplex mode

43188

USB 2.0 Ethernet Adapter 10/100

- Fast Ethernet connection
- Compatible with IEEE 802.3u, 10/100Base-T/-TX
- Supports full and half duplex

42922

USB 2.0 Micro-B Ethernet Adapter 10/100

- Fast Ethernet connection
- Compatible with IEEE802.3u, 10/100Base-T/-TX
- Supports full and half duplex
- USB Micro-B connector for Ultrabooks, netbooks and tablets

42948

USB 2.0 / 3.0 KVM Data Transfer Cable

USB 3.0 Data Transfer & KVM Cable PC

- Work with 2 Windows PC using a single monitor, keyboard and mouse
- Quick transfer of data, pictures and videos between two computers via USB 3.0 (up to 5Gbit/s) via drag and drop or copy and paste
- Touchscreen support starting Windows 8

42624

USB 2.0 Data Transfer & KVM cable PC & Android

- Android OS video mirroring to Windows PC
- KM control of android device via PC keyboard and mouse
- Text transfer (copy/cut/paste) between PC & smartphone/tablet

42613

LINDY

USB Power Meter
with Quick Charge support

NEW

- Measures power consumption with voltage and ampere display
- 6 digit LED display
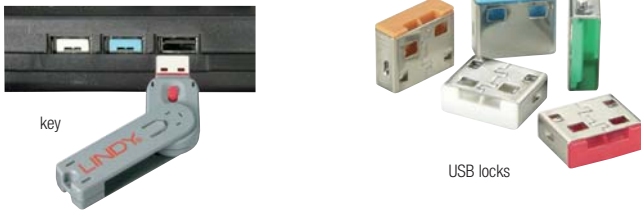- Supports Quick Charge 2.0 and 3.0 (up to 24V)

	43032

Mini DisplayPort / Thunderbolt Port Blocker 1/2

40456

NEW

40457

- Physically blocks access to a Mini DisplayPort
  or Thunderbolt 1 and 2 port

10 port blockers w/o key mDP/TB 1/2	40456
1 key & 4 port blockers mDP/TB 1/2	40457

USB Port Blocker

key

USB locks

- Physically blocks access to a USB port
- Quick and easy to use
- 5 different keys available, color coded
- Version A: 1 key & 4 locks
  Version B: 10 locks without key

	Pink	Green	Blue	Orange	White
Version A	40450	40451	40452	40453	40454
Version B	40460	40461	40462	40463	40464

USB Type-C / Thunderbolt 3 Port Blockers

40458

NEW

40459

- Physically blocks access to a USB type-C / Thunderbolt 3 port

10 port blockers w/o key USB Type-C/TB 3	40458
1 key & 4 port blockers USB Type-C/TB 3	40459

USB Audio Adapter & Cable

USB 2.0 Audio Adapter

- Additional audio ports for your computer
- Stereo line output for headphones and speakers
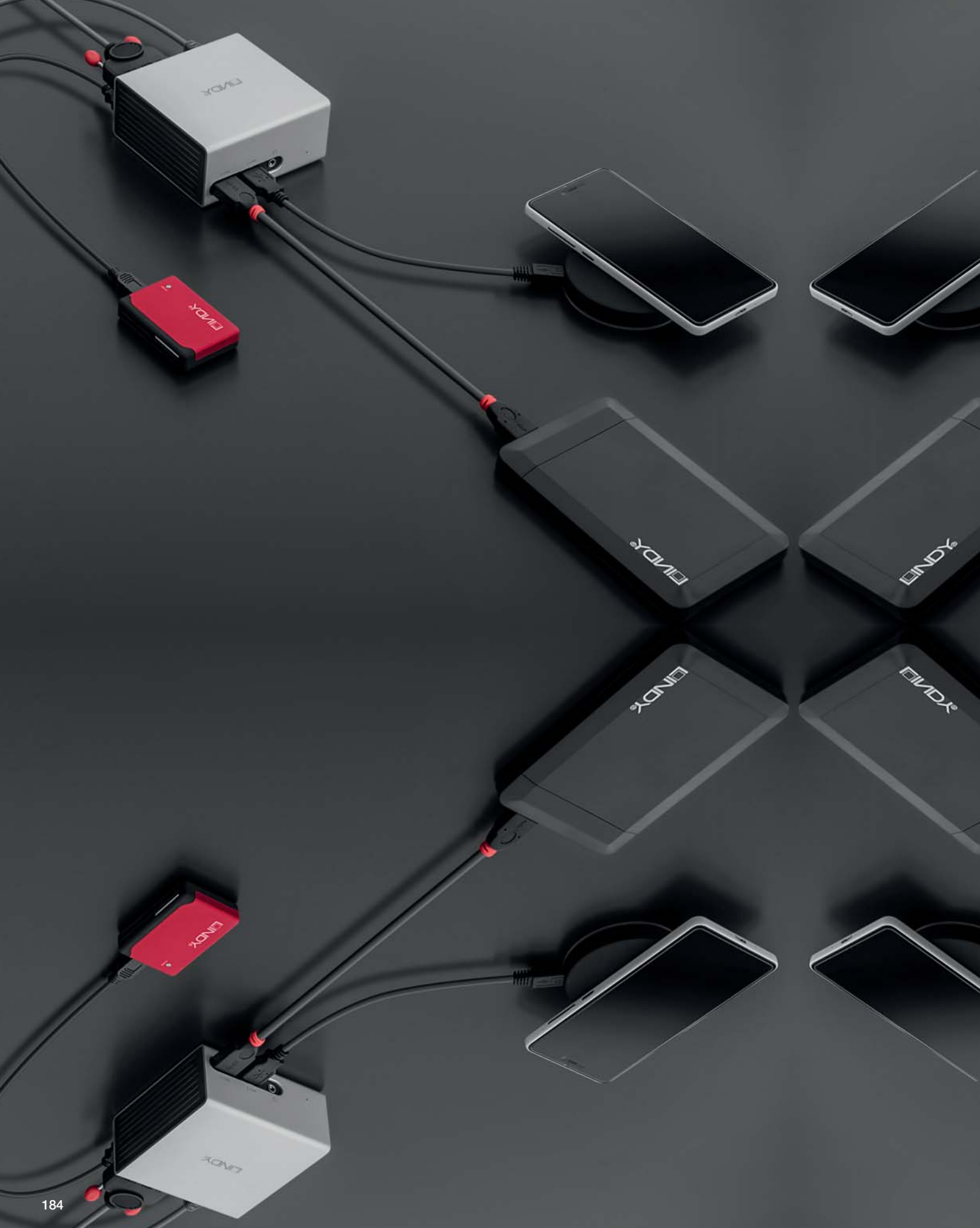- Mic input with mute key

	42961

USB Audio Cable with 6.3mm jack

- Instrument cable for recording directly into the computer via USB
- Connectors: 6.3mm mono jack
- Signal gain: 22dB

	06104

USB & THUNDERBOLT

PERIPHERALS & ACCESSORIES EQUIPMENT

10 Port USB Charging Station

NEW

- Charges up to 10 tablets/iPads/smartphones
- Max. output 2.4A per port; max. 2A pro port, if all 10 ports are used at the same time
- BC standard 1.2 supports fast charging
- Adjustable spacer

73309

10 Tablet Charging/Sync Station

- Securely charge up to 10 tablets simultaneously
- Sync up to 10 iPads while they are charging
- Daisy chain up to 3 stations to sync up to 30 iPads at the same time
- Slide-in lockable door

73397

USB Power Meter

NEW

- Measures power consumption with voltage and ampere display
- 3 digit LED display
- Supports Quick Charge 2.0 and 3.0 (up to 24V)

43032

USB Power Supply - Fast Charging, 1, 2 or 4 Ports

NEW

73107

73355

NEW

73313

- 1, 2 or 4 fast charging power ports for mobile phones, iPhones/iPods/iPads, audio equipment, etc. – for worldwide use.
- **73355:** 100–240V AC/5V DC, ~2.1A max.
- **73313:** 100–240V AC/5V DC, 3 ports ~1.8A max., 1 port QC 3.0
- Includes 4 different plug adapters for Euro, UK, USA, China/Australia

USB Power Supply, Quick Charge 2.0, 1 port	**NEW**	73107
USB Power Supply, max. 5V/2.1A, 2 port		73355
USB Power Supply, Quick Charge 3.0, 4 port	**NEW**	73313

Qi Inductive Wireless Charging

73324

LEARN MORE →176

73388

73387

73361

73386

73389

73325

- Wireless charging of your smartphone or tablet with Qi specification
- If your smartphone/tablet is not Qi-compliant, you can use one of our wireless charging Qi-adapter. New models available online!
- Use with power supply of your smartphone and USB A / B micro cable

73324

Samsung Galaxy S3 Adapter	73386
Samsung Galaxy S4 Adapter	73387
Samsung Galaxy S5 Adapter	73361
Samsung Galaxy Note 2 Adapter	73388
Samsung Galaxy Note 3 Adapter	73389
Samsung Galaxy Note 4 Adapter	73325

LINDY

AV Cable (Composite Video)

Movies, pictures & music can be played on devices with composite video/audio connectors.

Made for
▫iPod ▫iPhone ▫iPad

73 349

USB 3.1 Typ C Notebook Hub

- USB 3.1 Type C male
- 4 Ports USB 3.1 Gen 1, USB bus powered

43 154

Lightning to USB Cable

31 349–31 353

41 575

- Charge & Sync cable for iPhone, iPad & iPod

31 620

Made for
▫iPod ▫iPhone ▫iPad

	0.5 m	1 m	2 m
Premium	31 349	31 350	31 352
CROMO	–	41 575	–
Retractable	–	31 620	–

USB Charge & Sync Cable for iPad

sync

charge

- Allows data sync and charging via USB
- Includes slide switch for switching between sync and charging
- Use with original cable
- Length: ~ 1.2m

73 335

USB 2.0 OTG 4 Port Hub

- Compatible with tablets and smartphones, that have OTG/USB host function
- USB A to Micro-B adapter is required when connecting to computers, e.g. 71236
- USB bus powered; with optional psu connector (e.g. 73823)

42 627

USB to Micro-B & Lightning Cable

- Charge & Sync cable for mobile devices
- USB A male to
- USB Micro-B and Lightning male

Made for
▫iPod ▫iPhone ▫iPad

31 345

Lightning to Micro USB Adapter

- Lightning male / USB Micro-B female
- Compatible with: iPhone, iPad and iPod with Lightning interface
- Charge, sync or data transfer

Made for
▫iPod ▫iPhone ▫iPad

41 076

USB 2.0 OTG & PC Card Reader

- SD and microSD card slots
- USB A male for PC connection
- USB Micro-B male for tablets and smartphones with card reader support

42 625

USB 3.1 Type C Monitor Adapter with Power Delivery

NEW

- USB 3.1 Type C male
- USB 3.1 Type A female
- Power Delivery support via Type C female
- For more adapters see USB chapter on page 156

43 198

USB 3.1 Type C Monitor Adapter

43 190

43 191

NEW

43 197

- USB 3.1 Type C male
- Support for USB 3.1 DP Alternate Mode required

VGA	43 190
DVI-D	43 191
HDMI **NEW**	43 197

Micro USB Serial RS232 Converter for Android

- USB Micro B male & USB A male (for power) to D 9 male serial port

42 881

Headset Adapter Cable

| Smartphone adapter 4 Segment M / 2x 3.5 F, white	Headset adapter 4 Segment F / 2x 3.5 M, white	Smartphone adapter 4 Segment M / 2x 3.5 F, black	Headset adapter 4 Segment F / 2x 3.5 M, black
▪ Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors ▪ iPhone, iPad, iPod, HTC, Lenovo Notebook, ...	▪ Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors ▪ iPhone, iPad, iPod, HTC, Lenovo Notebook, ...	▪ Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors ▪ PC, Notebook, Samsung, Nokia, ...	▪ Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors ▪ For old Samsung, Nokia, etc. headsets to PC or Notebook
35523	35518	35509	35508

USB 2.0 Reversible Flat Cable
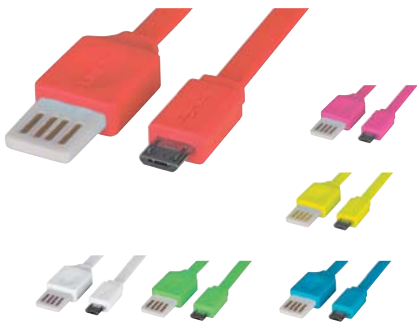
▪ Male A / Micro-B
▪ Male A reversible, flat cable, extremely flexible, shielded
▪ Material: TPE

	0.5 m	2 m
blue	30920	30922
green	30915	30917
yellow	30905	30907
orange	30895	30897
pink	30900	30902
white	30910	30912

USB Spiral Cable

▪ Male A / Micro-B
▪ Molded connector

	1.6 m
blue	30929
green	30928
yellow	30926
orange	30924
pink	30925
white	30927

USB 2.0 Flat Lightning

NEW

▪ Reversible: USB A connector can be plugged in any direction
▪ Flat cable, extremely flexible, shielded
▪ Material : TPE, PVC free

	1 m
blue	31391
green	31392
yellow	31393
orange	31394
pink	31395
black	31390

USB 2.0 Micro Cable OTG

Micro-B   Micro-A

For smartphones, tablets etc. Most smartphones use Micro-B. Please refer to your device's user manual.

	0.5 m	1 m
A female / Micro-B male	31935	31936
A female / Micro-A male	31945	31956

USB 3.0 Micro Cable OTG

▪ For smartphones, tablets etc.
▪ Connector with red strain relief
▪ Molded, double shielded

	0,5 m
Micro-B male / A female & charging A male	31612
Micro-B male / A female	31613

USB 2.0 CROMO SLIM Cable

▪ PVC & Halogen-Free
▪ A male / Micro-B male

	1 m	2 m
	41690	41691

USB WLAN/WiFi Adapter 11n

WiFi adapter for 802.11n networks with a compact housing and only 2 grams in weight.
- Compatible with IEEE802.11n up to 150Mbit/s
- Supports configuration via WPS
- Dimensions: 30 x 14 x 7mm

52 059

Capacitive Touchscreen Stylus

- Stylus with two different tips
- Soft 6mm rubber tip for capacitive (touch-sensitive) touchscreen
- Hard 3.5mm rubber tip, suitable for Samsung Galaxy S3, S4 and S5

40 259

CROMO® IEM-75 Dual Driver Earphones

- Dual Dynamic Driver Earphones
- Exchangeable ear tips
- Designed for optimum comfort and performance
- With carry bag and 3 pairs of super soft
  ear tips (size: S/M/L)

20 381

IEM-50X Hi-Fi In-Ear Headphones with Dynamic Bass Tuning

- 3.5mm 4 segment jack
- Bass setting via control dial

20 396

Earphones

Earphones, with 2.5mm jack

- For devices with 2.5mm headphone output

19 002

USB Bluetooth 4.0 Dongle

- Bluetooth V4.0 Class 2
- Supports BT Low Energy

52 214

Aluminum Stand for iPad/Tablet

- Use your iPad as picture frame or digital
  presentation system!
- 360° rotating view
- Rubberized corners for secure fit
- Suitable for iPad 1, 2, 3 and tablet
  of the same size ~ 20.4 x 25.6cm

54 002

Tablet and Smartphone Stand Silicon

- For tablets & smartphones up to ~ 11"
- Silicon rubber, dirt repellent
- Diameter ~ 10 cm
- Angled 75 degrees or 18 degrees

Black	54 005
White	54 006

Universal Earphones, 2.5mm jack
with 3.5mm adapter

- For devices with 2.5/3.5mm headphone output

19 003

PERIPHERALS & ACCESSORIES

HDMI TO VGA & AUDIO CONVERTER
CHANGEABLE

HDMI has become the de facto standard in graphics output. High resolutions, 3D and 4K are just the beginning - the development is advancing rapidly. But sometimes it is not possible or needed to purchase new hardware in order to keep pace with every new development. Some older VGA displays still perform without issues, but modern graphics cards no longer have the connections these displays require. Should you throw away the display just because you replace graphics card?

Our HDMI to VGA & Audio Converter provides an economical, reliable alternative. It simply converts digital HDMI to analog VGA signals and extracts the audio signal to an analog port. This is cost-efficient and resource-friendly as it eliminates the need to replace all peripheral devices with every new development.

MHL to HDMI Adapter, active

- For MHL compatible smartphones and HDMI devices without integrated MHL function

MHL Micro-B 5 pin to HDMI, active	MHL 2.0 Micro-B 11 pin, active	MHL 3.0 Micro-B 11 pin, active
41561	41562	41563

USB-Adapter Micro-B

USB Micro-B 5 to 11 pin adapter
41570

Slim Port to HDMI Adapter, active, 0.15m

- SlimPort/MyDP connector to HDMI 19 pin Type A female
- Additional USB 2.0
- Micro-B female for charging

41571

Passive MHL Cable

- HDMI Type A male / USB Micro-B male
- For MHL compatible smartphones and HDMI devices with integrated MHL

0.5 m	1 m	2 m
41565	41566	41567

HDMI to VGA & Audio Adapter, active

- Supports up to 1080p - no HDCP support
- Power supplied via HDMI or via micro USB

HDMI A male to VGA & Audio female	Mini-HDMI C male to VGA & Audio female	Micro-HDMI D male to VGA & Audio female
38185	38186	38187

HDMI or DVI-D to VGA Adapter, active

- Converts digital HDMI / DVI-D to analog VGA signals
- For Ultrabooks etc.

HDMI A male to VGA female	Micro-HDMI D male to VGA female	HDMI Type A to VGA adapter (plug adapter)	DVI-D male to VGA female
38191	38193	38194	38189

DISPLAYPORT ADAPTER AND ADAPTER CABLE, SEE CHAPTER AV ON PAGE 43

... latest products at LINDY.com

USB Smart Data Transfer & KVM Cable

- Android OS video mirroring to Windows PC
- KM control of android device via PC keyboard and mouse
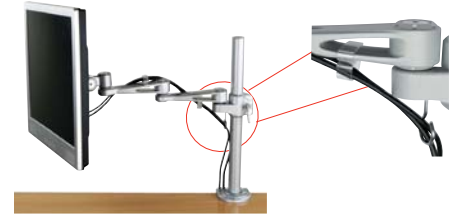- Text transfer (copy/cut/paste) between PC & smartphone/tablet

42613

PERIPHERALS & ACCESSORIES

Modular Desktop Mounting System, silver gray or black

For use in conjunction with the brackets and arms of our Modular Desktop Mounting System range.
Create a customized installation.

40694

40692 with 40696

40694

40761

40693   40962   40692 with 40695   40692 with 40696 with 40699   40692 with 40697

45cm Desk Clamp Pole (ø 35mm) with clamping bracket	40692
45cm Desk Clamp Pole (ø 35mm) with hole mounting	40962
70cm Desk Clamp Pole (ø 35mm) with clamping bracket	40693
70cm Desk Clamp Pole (ø 35mm) with hole mounting	40963

LCD Bracket short	40695
Adjustable LCD Arm long	40696
Dual Adjustable LCD Arms	40697
Dual Adjustable LCD Arms back to back	40694
Modular Notebook Arm	40699
Additional shelf 20 x 30 cm	40761

40954

40955

40959

40956

40957

40958

40950   40952   40951

70cm Desk Clamp Pole (ø 28mm) with clamping bracket 40950	40950
70cm Desk Clamp Pole (ø 28mm) with hole mounting 40951	40951
40cm Desk Clamp Pole (ø 28mm) with clamping bracket 40952	40952
Modular Notebook Arm 40954	40954

Modular monitor Arm, short 40955	40955
Modular monitor Arm for 3 monitors 40956	40956
Modular monitor Arm for 2 monitors 40957	40957
Modular monitor Arm, long 40958	40958
Modular monitor Arm for 2 monitors, long 40959	40959

Display & TV Wall Mounted Brackets

Wall mount, small

- Firm wall bracket, removable
- For monitors up to 20 kg
- VESA standard: 75/100mm

40870

Wall bracket, swivel & tilt

- For monitors up to 15 kg
- VESA standard: 50/75/100mm

40875

Wall bracket, flexible

- For monitors up to 15 kg
- Swivel/tilt/removable,
  rotatable by 360° (horizontal)
- VESA standard: 75/100mm

40876

LCD wall bracket, flexible

- For monitors up to 10 kg
- 3 joints, max. wall distance 41cm
- VESA standard: 75/100mm

40765

Wall bracket, swivel & tilt

- For monitors and TVs up to 35 kg
- VESA standard up to 400 x 400mm

40877

Wall bracket, flat & tiltable

- For monitors and TVs up to 40 kg
- VESA standard up to 600 x 400mm
- Wall distance 3cm

40878

Heavy Duty Plasma/LCD Bracket Kit

40843

40844

For Displays & TV

- For monitors with a max weight of 50kg
- Monitors distance from ceiling between
  67cm and 104cm
- Vesa compatible up to 800x450mm
- Rotatable by 30° left or right
- Adjustable viewing angle up to 25°

40843

For 2 Displays & TV

- For assembly of 2 monitors back to back (2x 50kg)
- Monitors distance from ceiling between
  67cm and 104cm
- Vesa compatible up to 800x450mm
- Rotatable by 30° left or right
- Adjustable viewing angle up to 25°

40844

PERIPHERALS & ACCESSORIES

Sliding Under Desk PC Holder

- For mounting under the desk
- Adjustable width (16-22cm) and height (34-49cm)
- Additionally extendable up to 14cm, 360° rotatable

	40284

Notebook Arm

- Height adjustable up to 26cm, extends outwards up to 57cm
- Platform dimensions: 28.6 x 28.6cm and tiltable up to 30 degrees
- Retractable keyboard holder to store extra keyboard
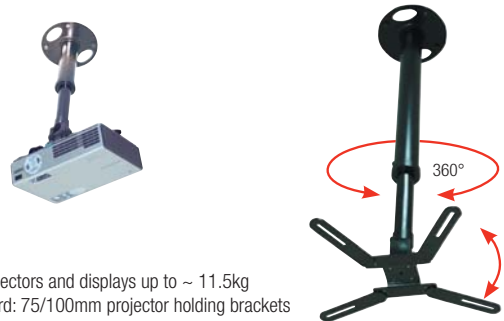- Mount directly to your desk (up to 8cm thick)

	40732

Mobile PC Stand

- Heavy duty plastic construction with 5 rollers
- Adjustable width from 3cm to 25.5cm

White	40285
Black	40286

Projector & LCD Ceiling Mount

- Supports projectors and displays up to ~ 11.5kg
- VESA Standard: 75/100mm projector holding brackets
- Adjustable length of the bracket:
  70, 80, 90, 100 and 110cm

	40720

Wall & Ceiling Mount System for Projectors and Monitors

Long projector pole, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design
- Lenght: 73-123cm

Short projector pole, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design
- Lenght: 31-41cm

Box Type Projector Bracket, modular

- Suitable for projectors and monitors up to 11.5kg
- As wall and ceiling mount, modular design
- Width ~ 25cm, length ~ 18-28cm, height ~ 5-12cm

40846	40847	40848

Cable Manager
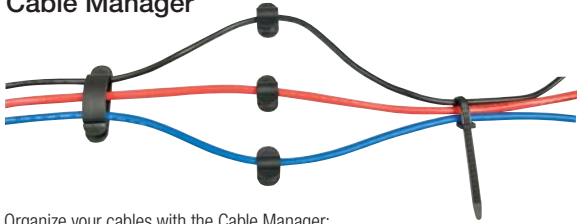
Organize your cables with the Cable Manager:
- 8 small clips, 3 large clips, 5 cable ties, self-adhesive

40763

Hook & Loop Cable Tie Roll, 5m

- Double-sided Hook & Loop cable tie roll
- Length ~ 5m, width 2cm

40582

Hook & Loop Cable Tie, self-adhesive

NEW

- Length ~5m, width 2cm
- 2 pcs: 1x self-adhesive hooks, 1x self-adhesive loops
- Practical for attaching LINDY products to desks, shelves etc.

40583

Spiral Cable Tidy

- Flexible spiral cable
- With practical clip for bundling and insertion of several cables in the spiral hose

2m, Ø about 25mm	40575
5m, Ø about 25mm	40581

Hook & Loop Cable Ties, 10 pcs.
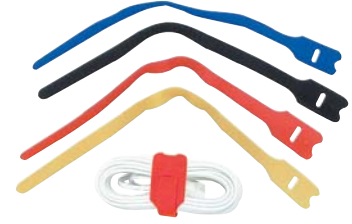
40767 - 40783

40791 - 40798

- Hook and Loop cable ties for secure fixing and tidy bundling of cables in your PC case and network cabinet

	Black	Red	Yellow	Blue	Purple
17.5 cm	40767	40768	40769	40775	40783
20 cm	40791	–	–	–	–
30 cm	40795	40796	40797	40798	–

Cable Ties, Bulk

- Material: Polyamid 6.6 (Nylon®)

Cable ties, in 100 pcs.	Transparent	Black
2.5 x 100 mm	40660	–
3.6 x 250 mm	40661	40666
4.8 x 160 mm	40662	–
4.8 x 250 mm	40663	40668
7.2 x 350 mm	40664	–

LINDY Clean

Compressed Air Cleaner, 300ml
- Compressed air for cleaning delicate surfaces and inaccessible places; absolutely ozone friendly, contains no CFCs

TFT/LCD Screen Cleaner
- Antistatic pump spray, 250ml
- LCD Screen Cleaner for TFT and LCD screens

40430   **40433**

PERIPHERALS & ACCESSORIES

Security Screws for PC Cases

- 4 lockable security screws (key included)

40258

Keyboard & Mouse Cable Security Lock

- Cables are run through the clamp secured to your PC and are fixed into place with the security screw, which can only be removed using the supplied key

40262

RJ45 Port Blockers with Key (10 pcs.)

- This RJ45 port blocker plugs securely into the RJ45 port with a special insertion key

	Green	Orange	Yellow	Gray
10 x RJ45 port blockers with key	40472	40480	40482	40470
20 x RJ45 port blockers (without key)	40473	40481	40483	40471

USB Port Blocker Type A

40450 - 40454

- This blocker inserts into the USB port of your computer and prevents from connecting USB devices
- 5 color coded keys available
- Available in 2 versions:
  - 1 & 4 key locks
  - 10 locks without keys

40460 – 40464

	Red	Green	Blue	Orange	White
1 key & 4 locks	40450	40451	40452	40453	40454
10 locks without key	40460	40461	40462	40463	40464

Mini DisplayPort / Thunderbolt Port Blocker 1/2

40456

NEW

40457

- Physically blocks access to a Mini DisplayPort or Thunderbolt 1 and 2 port

10 port blockers w/o key mDP/TB 1/2	40456
1 key & 4 port blockers mDP/TB 1/2	40457

USB Type C / Thunderbolt 3 Port Blockers

40458

NEW

40459

- Physically blocks access to a USB Type C / Thunderbolt 3 port

10 port blockers w/o key USB Type C/TB 3	40458
1 key & 4 port blockers USB Type C/TB 3	40459

Security Cable

Security Cable (heavy duty)

- Plastic covered heavy duty steel cable
- Length: ~ 1.6 m, Ø 4.9mm
- 1x or 2x barrel key locks for Kensington security slots

20945

Security Cable with Combination Lock

- Plastic covered steel cable, ~ 1.6m, Ø 4mm
- Combination lock to be placed on locking bolt. 3 Locking include: 1x Kensington slot, 1x fixed on cable, 1x shiftable on cable

20907

Computer Security Kit

- Transparent plastic covered light weight steel cable
- Length: ~ 2m, Ø 5mm
- 3 adhesive plates to stick on monitor, tower, etc.
- Includes 2 padlocks with 2 keys

20275

LINDY

Security Cable

Multipurpose Security Cable (Kensington)

- Durable plastic covered steel cable
- Length: 1.8m, Ø 4.5mm
- 4-wheel combination Kensington slot lock

20 980

Peripheral and Notebook Security Cable (Kensington)

- Durable Plastic Covered Steel Cable
- Length: 1.8m, Ø 4mm
- Supplied with 2 security keys
- Metal ring for securing cabled peripherals

20 912

Wireless Mouse

- Nano wireless receiver - inserts into mouse
- Up to 10m range
- Requires 2 AAA batteries or rechargeable batteries - not included

20 587

Wireless Gesture Touch Mouse

- Touch button spot for gesture control
- Sleek and elegant design
- Up to five different gestures
  (supports Windows and macOS)
- Switch between Mac and Windows via switch key
- Includes nano receiver

20 900

Optical Mouse

- Compact lightweight mouse for precise work!
- 3 button technology & scroll wheel for easy navigation, 800cpi

20 571

Optical Mouse USB & PS/2

- Optical laser sensor with 800, 1200 or 1600dpi resolution
- Resolution adjustable by pressing a button on top of the mouse
- 2 button mouse with scroll wheel suitable for left and right handed
- Includes adapter for PS/2

20 586

Mouse Pad Professional XXL 45 x 35 cm

- Fine textured nylon surface for smooth and precise mouse movements
- Extra large and high quality mousepad
- Reserves the space on the desk for the mouse, especially
  when using multiple monitors

40 211

Mouse Holder

- Helps keep your desk tidy and your computer mouse
  out of harms way when not in use

White	40 171
Black	40 164

PERIPHERALS & ACCESSORIES

2D & 1D Barcode Scanner, USB

4002888207706

- Scans 2D and 1D Barcodes
- Autoscan function in manual mode or stand mode
- Decoding speed: 100 scans per second resolution 3mil (0.08mm)

20770

USB Laser Barcode Scanner Classic

4002888207799

- Read speed up to 100 scans per second
- Max resolution: 0.1mm (4mil)
- Read out width: max. 5cm with distance of 6cm

20779

USB CCD Barcode Scanner

4002888207676

- Scan Speed : 200 scans/sec
- Optical System: 1500 Pixel CCD sensor
- Scan width: ~ 80-90mm
- Resolution : 0.1mm (4mil)

20767

USB CCD Barcode Scanner Pro

4002888207898

- 300 scans per second
- Scan distance up to 20cm
- Scans barcodes up to 11cm wide
- Resolution: 0.1mm

20789

... latest products at LINDY.com

LINDY

USB to RS-232 Serial Extender CAT5, 70m

- For connecting modern USB equipped PC or Mac to any RS-232 serial equipment over distances of up to 70m
- Consists of transmitter and receiver modules via low cost Cat.5e/6 cable (not included)
- Supports full-duplex transfer
- Data transfer rates up to 230Kbit/s

32157

RS232 Extender Cat.5, max. 250m

- Gives you control of an RS232 enabled device up to distances of 250m.
- Transmitter and Receiver unit, connect via a single Cat.5/6 cable (not included)
- Full-duplex transfer, hardware handshake
- Baud rate of 110 - 921600 Bit/s

32158

RS232 / RS485 / RS422 Converter

- With surge & lightning protection
- Data transfer up to 5km@9.6kbit/s or 300m@115kbit/s
- DCE / DTE selectable
- 4 wire full-duplex, 2 wire half-duplex
- Output: 4-pole terminal
- RS232 Port: 9 pin Sub-D Female
- Point to multi-point transfer

32159

RS232 Extender Cat.5, 2000m

32155

32156

- Gives you control of an RS232 enabled device up to distances of 2000m
- Consists of transmitter and receiver unit, connect via a CAT5 (or higher)
- Full duplex transmission; data rates up to 921.6kbit/s (up to 700m), 230kbit/s (up to 1700m) and 115kbit/s (up to 2000m)
- With 15kV and 8kV ESD Isolation/Surge protection
- Suitable for industrial applications

USB RS232	32155
RS232	32156

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... latest products at LINDY.com

PERIPHERALS & ACCESSORIES

CABLE & ADAPTER
CONNECTIVITY

LINDY CABLE LEXICON
FOR PERFECT CONNECTIONS

IN ORDER TO MEET THE CONSTANTLY GROWING REQUIREMENTS OF DATA TRANSMISSION RATES AND SIGNAL QUALITY IN WIRED CONNECTIONS, HIGHER QUALITY CABLES ARE NEEDED THAT ARE ABLE TO TRANSMIT HIGH FREQUENCY DATA SIGNALS RELIABLY AND EASILY.

In these times of "wireless" technologies such as WiFi, Bluetooth, LTE, etc. - the days of wired data transmissions are far from numbered. On the contrary, this technology is now able to show its true strengths for the first time. In terms of speed, security and reliability, this "traditional" data transmission technology is still without equal. One question that often comes up concern what requirements a cable must meet in professional environments.

As data volumes increase continuously, the transmission media chosen must be as future-proof as possible. The fact that many cables can work with today's resolutions and data speeds does not mean that there are no differences between them. Such differences only become apparent when transmission data speeds get ever faster which is when the more basic cable designs will get left behind. Before installing hundreds of meters of cabling in network and/or A/V environments, you should be aware what criteria a cable needs to meet to ensure long lasting operation.

The quality requirements of a cable increase in proportion to the distance covered, and the volume of data transmitted.

The following text describes specifically which criteria are responsible for quality and what you need to consider when planning larger data transmission distances with copper cables.

CORE CROSS SECTION

An indicator of the electrical conductor resistance of a cable core is firstly the conductive material which has its own material-specific resistance (usually copper), and secondly the cross section of the core (the surface area of the front face visible when precisely cutting through the cable core in a radial direction). This is inversely proportional to the conductor resistance. The bigger the cross section, the thicker the core and the smaller the resistance and thus also the smaller the signal damping effect. Technically speaking, the core cross section is measured in mm². Generally, the AWG (American Wire Gauge) measure is often used. The following rule holds: the smaller the AWG measure, the thicker the core. The length of the cable is another characteristic which can affect conductor resistance. It is proportional to the resistance, ergo: the shorter the cable, the less is its signal damping effect. For this reason, choose as small a data cable as possible.

Overall this means: as the core cross section increases and cable length increases, the quality of the transmission properties of a cable will increase.
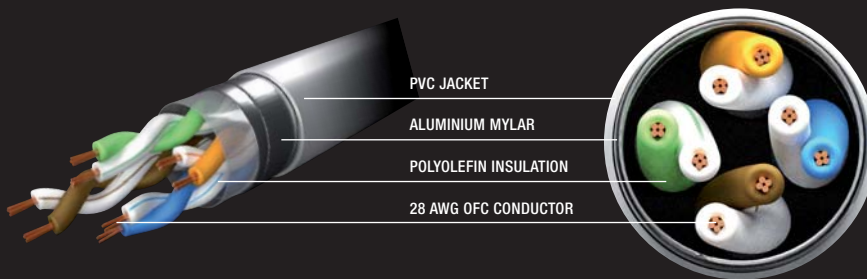
SHIELDING

Sophisticated cable shielding protects data signals from electromagnetic interference. It helps with electromagnetic compatibility (EMC) and reduces interdependencies on other cables and devices. Electromagnetic problems can be present in the signal path inductively or capacitively in poorly shielded cables or cables which do not have any shielding at all. They can diminish the quality of the usable data signal in a lasting way. The problems as described arise to a varying degree depending on how transmission cables are installed inside a building (e.g. in cable ducts along longer paths in parallel to high current or other high frequency cables near radiation-emitting devices, etc.). In extreme cases, a total breakdown of the image or visible artefacts on a monitor screen may arise with A/V cables in the form of pixel noise. In network cables, it may bring about a massive breakdown in data transmission speeds. Close attention should therefore be paid to cable shielding. A good rule of thumb is as follows: The better the shielding, the better the signal transmission. This can be illustrated clearly using network cables as an example. The new naming system designates cables based on the schema [A]A/BCC, where A marks the overall shielding (U, S, F or SF); B is the pair shielding (U, S or F), and C is the cable type (TP or QP, Twisted Pair or Quad Pair).

UNSHIELDED CABLES

PVC JACKET

POLYOLEFIN INSULATION

28 AWG OFC CONDUCTOR
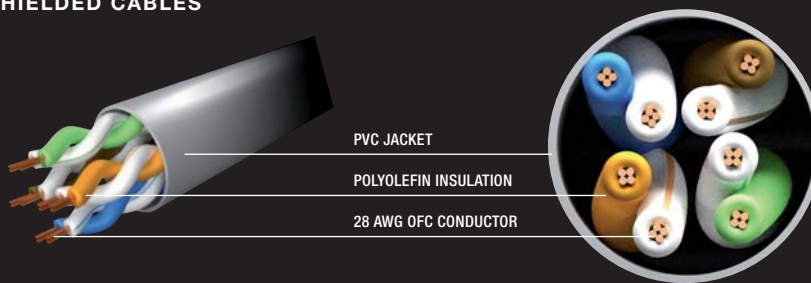
Cables without shielding, e.g. network cables are designated as U/UTP - Unscreened Unshielded Twisted Pair (formerly: UTP). These cables must not be installed next to power cables and not laid parallel to them at less than a few centimetres in distance over lengths in excess of ten meters. On these cables, these twisted pairs with plastic insulation are surrounded by a plastic jacket.

SINGLE SHIELDED CABLES

PVC JACKET

ALUMINIUM MYLAR

POLYOLEFIN INSULATION

28 AWG OFC CONDUCTOR

The following cables have good shielding sufficient in most uses. They bear the designation S/UTP (Screened Unshielded Twisted Pair), F/UTP (Foiled Unshielded Twisted Pair, formerly: FTP) or SF/UTP (Screened and Foiled Unshielded Twisted Pair). Alongside the exterior outer plastic jacket between the twisted cable pairs, there is also a protective copper braiding or an aluminium film, or both. The following cables offer good protection: they have the designation: PiMF (Pairs in Metal Film) based on EN 50173 FTP (Foiled Twisted Pair), are actually called U/FTP. Unlike S/UTP, the cable does not have an outer overall shielding. Instead, the pairs are shielded. The cable is a little stiffer and less flexible as a result..
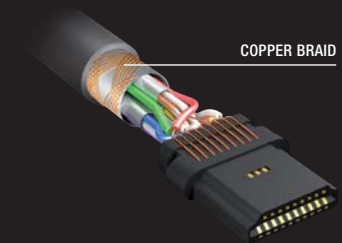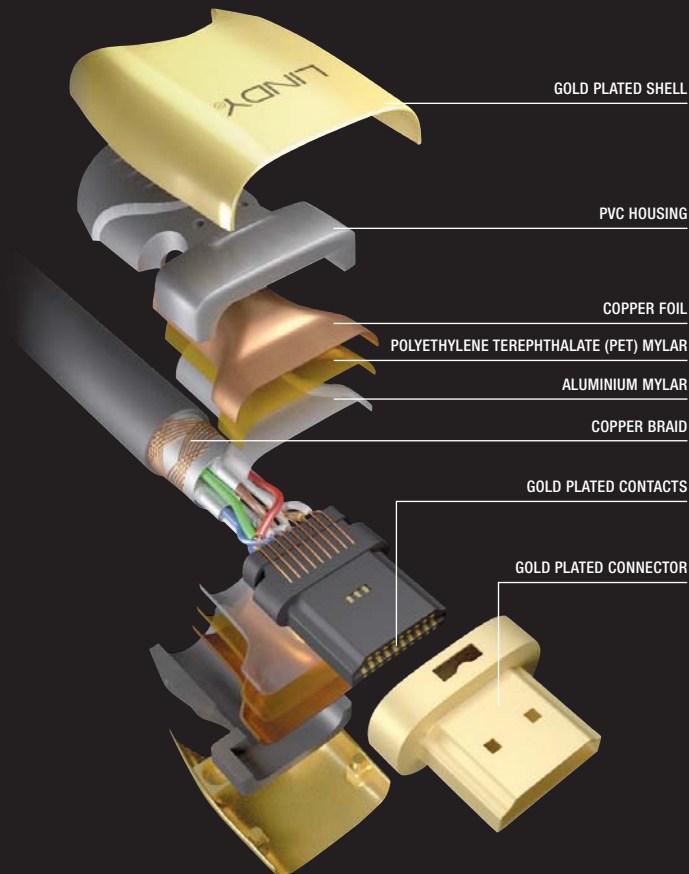
DOUBLE SHIELDED CABLES

PVC JACKET

ALUMINIUM BRAID

ALUMINIUM MYLAR

POLYOLEFIN INSULATION

28 AWG OFC CONDUCTOR

The best protection against faults are offered by double-shielded network cables termed S/STP (Screened Shielded Twisted Pair) or S/FTP (Screened Foiled Twisted Pair). In these cables, all pairs have individual shielding using copper braiding (S/STP) or film (S/FTP). Both feature an additional layer of metal protection between the core pairs and the outer protective jacket. This makes double-shielded pairs very good for use in raw industrial applications where interference issues are often unavoidable, and also when bridging long distances.

CONNECTORS AND CONTACTS

Plug connectors are important components which establish the physical contact between cables and network cards, switches, routers and, in A/V applications, between cables and source and destination devices. They must be of high quality, installed properly and have a precise finish to reliably ensure electrical connections without significant signal-damping contact resistances. Moreover, kink protection is vital too to prevent core fractures and damage to the cable jacket. The contacts themselves must be gold, chrome- or nickel-plated as a means of ensuring good contact quality in an environment which is at risk of corrosion.

KINK PROTECTION

GOLD PLATED SHELL

PVC HOUSING

COPPER FOIL

POLYETHYLENE TEREPHTHALATE (PET) MYLAR

ALUMINIUM MYLAR

COPPER BRAID

COPPER BRAID

GOLD PLATED CONTACTS

GOLD PLATED CONNECTOR

PVC JACKET

COPPER BRAID

ALUMINIUM MYLAR

OFC CONDUCTOR

POLYOLEFIN INSULATION

PROTOCOL VERSIONS AND FUNCTIONALITY

In the past with respect to data signals, the large number of transmission protocol versions (e.g. HDMI 1.2, 1.4 or 2.0 or DP 1.2 or 1.3 etc.) were a source of great confusion. Ever higher versions of the transmission protocols require ever greater bandwidth and high-frequency support from cables. For example, for the largest possible resolution for HDMI 1.0 (1080p) cables at 60Hz and a color depth of 8 Bit/channel just under 4.5Gbit/s is transmitted. With HDMI 1.3 at 1440p, in excess of 8Gbit/s is transmitted. A 4K resolution (under HDMI 2.0) needs a data speed of approx. 17Gbit/s. The increase in color depths and color sampling rates play their part too. Exactly the same situation can be found in DisplayPort applications as well as network and USB cables for transmitting the latest protocol versions, such as 10GBase-T and USB 3.1. Data cables need to be able to satisfy this increasing hunger for bandwidth now and in the future. LINDY cables are able to do this with their high precision production processes and the use of high quality materials.

MATERIALS

Usable bandwidth, potential throughput and a cable's service life are ultimately a product of the materials and how they are finished. In terms of physical science, each two-wire cable connection represents a passive low-pass filter (RC member) with series resistance along the cores and electrical capacity between the cores. The smaller the capacity and resistance, the higher the maximum transmissible frequency. The insulating material and pair twisting is responsible for the minimising of the electrical capacity. The resistance is determined by the conductor material. Since copper - of all the chemical elements with the exception of silver - has the highest specific electrical conductivity (in other words, the smallest specific resistance), it should not be combined with other metals to achieve as low as possible resistance of the individual cores in the interests of high frequency resistance. Ultra-pure oxygen free copper (OFC - oxygen-free copper) with a purity greater than 99.99% is also very corrosion-resistant. Thanks to its fine grained crystalline structure it is very resistant to fracture caused by material fatigue. Especially for flexible (stranded) cables constantly in motion, this is crucial for a long cable life.

RoHS AND REACH COMPLIANT

All LINDY cables also comply with RoHS (more precisely: RoHS-II-) guidelines and the REACH directive as you would expect. These EU chemicals regulations restrict (in the case of RoHS) certain materials in electronic products, or restrict or prohibit the use of non-listed chemicals for any products through REACH. Cables must comply with this regulatory framework as the materials and substances which are the subject of these regulations are harmful to health and the environment.

HALOGEN-FREE CABLES

Halogen-free (Low Smoke free of Halogen, LSOH or Low Smoke Zero Halogen, (LSZH) cables have become increasingly prevalent in public buildings, especially in the network cable area. These cables do not contain chlorine or other halogens such as fluorine or bromine so that no poisonous gases are released if there is a fire. In these cables, the materials used for the jacket and insulation are polymers and are 100% hydrocarbon based. They do not give off any poisonous or corrosive gases when burned. LINDY offers a wide range of halogen-free network cables in various colors and configurations.

FIBER OPTIC CABLES

The domain of fiber optic cables begins where copper cables - in spite of their quality and performance - reach their limits. This completely different kind of signal transmission is not affected by electromagnetic issues. For this reason, there is absolutely no need to shield fiber optic cables. However, transmission quality is critically dependent on the ultra-precise production of the actual fibers. These fibers consist of a core and a jacket. Insertion loss is the important measure of the transmission properties of a fiber optic cable
In assuring and verifying high-precision production, LINDY FIBER OPTIC CABLES are tested and their insertion losses are measured individually. The resulting measurement report is enclosed with every single LINDY cable.
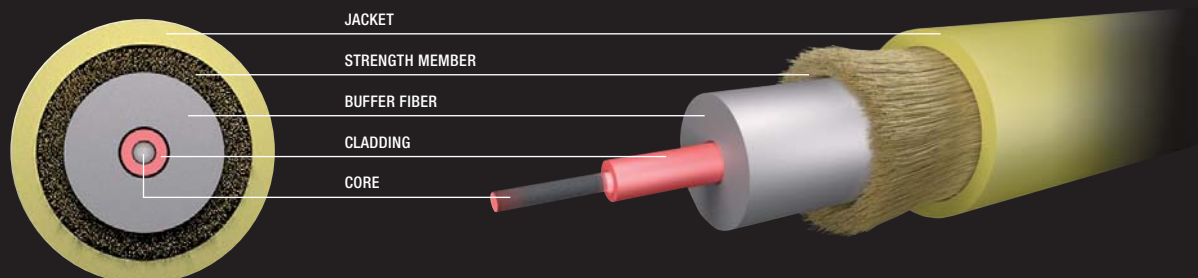
INSERTION LOSS CHARACTERISTICS OF FIBER OPTICS

The refractive index profile - on modern fibers, this is always given as the smooth transition between the refractive index of the fiber core and jacket, the so called gradient index; on older fibers it sometimes defined as a stepped transition, the so-called, 'step-index profile'. Gradient index fibers have considerably less damping than step-index fibers.

The ratio between the diameter of the core and that of the jacket is usually 50µm/125µm on multi-mode fibers which can be used up to a few 100m in distance; and 9µm/125µm on single-mode fibers which can bridge distances up to a few dozen kilometers.

The so-called bandwidth length product of the cable, on which basis fiber optic cables are classified into the categories OM1-OM4 for multi-mode and OS1 or OS2 for single-mode fibers. These are color-coded:
- OM1 and OM2: orange
- OM3: aqua blue
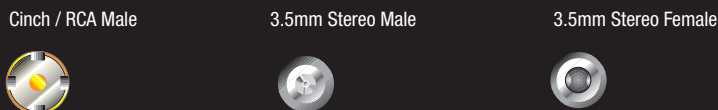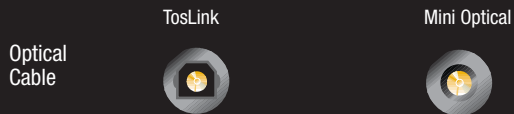*- OM4: violet*
- Single-mode: yellow

JACKET
STRENGTH MEMBER
BUFFER FIBER
CLADDING
CORE

CABLE & CONNECTOR GUIDE

USB CONNECTORS

	Male A	Male B	Male C	Male Mini-B	Male Micro-B
USB 2.0					

	Male A	Male B	Male C		Male Micro-B
USB 3.0 / 3.1					

AUDIO, VIDEO & MULTIMEDIA CONNECTORS

HDMI

HDMI Male A, 19 Pin, digital only

Mini HDMI Male C

Micro HDMI Male D

DisplayPort

DisplayPort Male

Mini DisplayPort Male

DVI

DVI-D Single Link Male (18+1, digital only)

DVI-D Dual Link Male (24+1, digital only)

DVI-D Female (24/1, digital only)

DVI-I Single Link Male (18+5, analog and digital)

DVI-I Female (24+5, analog and digital)

DVI-A Male (12+5, analog only, VGA HD15 compatible)

Optical Cable

TosLink

Mini Optical

BNC Male (analog RGB, YUV, ...)

HD15M - High Density Sub-D 15 Pin Male (VGA)

SCART Male 21 Pin

Cinch / RCA Male

3.5mm Stereo Male

3.5mm Stereo Female

FIREWIRE MALE CONNECTORS

4 Pin Male FW400

6 Pin Male FW400

9 Pin Male FW800/400

NETWORK MALE CONNECTORS

Fiber Optic

MT-RJ Fiber Optic Male

ST Fiber Optic Male

SC Fiber Optic Duplex Male

LC Fiber Optic Male

RJ45 Male (8/8 Pin, Ethernet, ISDN)

RJ11/12 Male (6/6 Pin, Modem/Telephone Cable)

RJ10 Male (4/4 Pin, Telphone Cable)

BNC Male (10Base-2, ...)

RP-SMA WLAN Antenna

SATA / ESATA / SAS INTERNAL MALE CONNECTORS

22 Pin Standard SATA Male

29 Pin SAS Male SFF-8484 2 Channel

7 Pin SATA Male (data only)

15 Pin SATA Male (power only)

16 Pin Micro SATA Male

13 Pin Slim SATA Male

eSATA Male

eSATAp Male

POWER MALE CONNECTORS

IEC C14 Plug 3 Pin

IEC C5 3 Pin Cloverleaf Socket

IEC C7 Figure-8 Socket

IEC C19 Socket (for higher electrical load 16A), 3 Pin

15 Pin SATA Male (power only)

4 Pin 5.25" power connector internal "molex"

4 Pin 3.5" Power Cable internal

D-TYPE / CENTRONICS MALE CONNECTORS

D9M – Sub-D 9 Pin Male

D15M – Sub-D 15 Pin Male

HD15M – High Density Sub-D 15 Pin Male (VGA)

D25M – Sub-D 25 Pin Male

CN36M – Centronics 36 Pin Male (printer, parallel port)
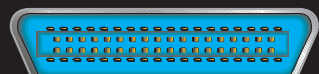
THE ART OF CONVERTING
FROM ANALOG TO DIGITAL

In the digital signage and AV distribution and transmission area, there are many different inputs and outputs and transmission protcols. It is worth mentioning that the old VGA interface, despite being superseded by newer technology, is still present in large numbers of existing installations. With increasing distribution of digital video interfaces, the demand for adapters and converters is increasing constantly in order to be able to remove and replace components from installation assemblies separately in stages. This saves money as older equipment which are still in good working condition, can continue to be used.

The conversion of different AV signals poses a great technical challenge, although it is just a basic change in the protocol for the existing signal. However, we are dealing with very high-frequency signals here. You should ensure that the configuration and construction of the converter has the same high quality as the cables being used. This is the only way to ensure the reliable transmission of consistent high audio and video quality as each AV signal transmission line is only ever as good as the weakest link of its components. The conversion of digital to analog signals is a more complicated matter. HDMI, DVI and DisplayPort constitute the standard in video interfaces today. If these signals need to be converted to VGA, e.g. to continue operating a dated, but expensive analogue VGA display device, a completely new analogue signal will need to be generated from the digital. A basic adapter or protocol converter is not able to do this, in which case, an electronic digital-analog converter is needed. This generates analog signal levels from digital image data and does so in real time to keep latencies during transmission as low as possible. If you do not wish to rely on the manufacturer's information on potential wattage rating of the power supply from the video interface of the source device, we recommend a converter with an external power supply. LINDY offers HDMI/VGA converters with a power supply via USB or with their own power supplies.

To produce digital signals from analog signals requires even more sophisticated technology. To generate video data from an analog image signal, this analog signal first needs to be sampled in order to be able to compute the data for the digital counterpart of the image from the sampling values. An analog-digital converter is needed which must be technically even more sophisticated the higher the image resolution and sampling rates. This must also be done in real time, where possible to avoid latencies. Great demand and even a larger market has developed through the years and LINDY has been present all this time with a wide range of products.

1
SDI to DVI-D
Converter & Extender
→ **page 68,** 38 196

2
Mini-DP 1.2 to HDMI & VGA
4K Active Adapter
→ **page 43,** 41 070

3
Mini HDMI to VGA & Audio
Converter
→ **page 236,** 38 186

4
Micro HDMI to VGA & Audio
Converter
→ **page 236,** 38 187

5
DisplayPort to VGA
Active Converter Cable
→ **page 44,** 41 006

6
VGA & Audio to HDMI
Converter Cable
→ **page 67,** 38 188

7
HDMI to VGA
Plug-In Adapter
→ **page 236,** 38 194

USB 3.1 – THE LATEST NEWS

USB 3.1 Gen 2 specification increases the data rate by a factor of 2 to 10 Gbit/s. Effectively limiting the maximum USB cable length to just 2 meters.

The new USB PD 2.0 (Power Delivery) specification allows USB cables to delivery 20 times more power or up to 100 watts at 20V DC. These cables have a chip embedded (eMark Cable). USB 3.1 Alternate Mode has been made part of the DisplayPort specification. USB Type-C cables will be able to transmit DP video signals to the monitor and also provide USB data signals.

USB 3.1 specification also defines the new Type "C" connector. This new connector is reversible which means you'll be able to connect a Type "C" connector without worrying about the plug's orientation or the cable's direction. It has the size of the USB Micro-B plug, but with an oval shape.

USB 3.1 Gen 2 Cable with Power Delivery, Type-C Male/Male

- USB 3.1 SuperSpeed+/Gen 2 cable for data transfer rates of up to 10Gbit/s
- Type-C Male to Type-C Male, stable seamless connector with gold plated contacts
- Supports DisplayPort Alternate Mode
  (Double shielded, high quality cable construction)
- Supports USB fast charging, Power Delivery up tos 5A, 100 Watt

0.5 m	1 m	1.5 m
41 900	41 901	41 902

USB 3.1 Gen 2 Cable, Type-C Male/Male

- USB 3.1 SuperSpeed+/Gen 2 Cable for data transfer rates of up to 10Gbit/s
- Supports DisplayPort Alternate Mode
- Power: max. 3A

0.5 m	1 m	1.5 m
41 905	41 906	41 907

USB 2.0 Cable, Type-C Male/Male

- Supports USB 2.0 (High Speed) 480 Mbit/s
- Power: max. 0.5A

0.5 m	1 m	2 m	3 m
41 870	41 871	41 872	41 873

USB 3.1 Gen 2 Cable with Power Delivery, Male Type-C to Male A

- USB 3.1 SuperSpeed+/Gen 2 Cable up to 10Gbit/s
- Stable seamless connector with gold plated contacts
- 100W Power Delivery Compatible (up to 5A) with E-Mark chipset

0.5 m	1 m	1.5 m
41 910	41 911	41 912

USB 3.1 Gen 2 Cable, Male Type-C to Male A

- USB 3.1 SuperSpeed+ Gen 2 Cable up to 10Gbit/s
- Power: max. 3A

0.5 m	1 m	1.5 m
41 875	41 876	41 877

USB Adapter Cables, Type-C Male to...

- Transfer rates of up to USB 2.0 (High Speed) 480 Mbit/s
- Power: max. 0.5 A

... Male A USB 2.0

... Male Micro-B USB 2.0

	0.5 m	1 m	2 m	3 m
Type-C Male USB 3.1 / Male A USB 2.0	41 885	41 886	41 887	41 888
Type-C Male USB 3.1 / Male Micro-B USB 2.0	41 890	41 891	41 892	–

USB 3.1 Adapter Cable, Type-C Male to...

... Female A USB 3.1

- Transfer rates up to USB 3.1 Gen 1 (SuperSpeed) 5 Gbit/s
- Power: max. 3A
- Length: 0.15 m

41 895

... Female A USB 2.0

- Transfer rates up to USB 2.0 (HighSpeed) 480 Mbit/s
- Power: max. 0.5 A
- Length: 0.15 m

41 897

USB 3.1 Adapter, Type-C Male to...

... Female A USB 3.1

- USB 3.1 Gen 1 (SuperSpeed) 5 Gbit/s
- Power: max. 3A

41 899

... Female Micro-B USB 2.0

- USB 2.0 (HighSpeed) 480 Mbit/s
- Power: max. 0.5 A

41 896

USB 2.0 Adapter, Type-C Female to...

LEARN MORE → 154

... Stecker A USB 2.0

- USB 2.0 (HighSpeed) 480 Mbit/s
- Power: max. 0.5 A

41 898

CABLES & ADAPTERS

USB SUPERSPEED TRANSFER RATES

LINDY USB 3.0 Cable support transfer rates up to 5Gbit/s.

Compatible with USB 2.0 / 1.1:

USB 3.0 type A Male fits in USB 2.0 type A Female on PC etc.

USB 3.0 type B Male does not fit in USB 2.0 type B Female

USB 2.0 type B Male fits in USB 3.0 type B Female

USB 3.0 type Micro-B Male does not fit in USB 2.0 type Micro-B Female

USB 2.0 type Micro-B Male fits in USB 3.0 type Micro-B Female

USB 3.0 Mini (B or A) does not exist

USB 3.0 is only in standard or micro sizes available

USB 3.0 Cable, Male A to Male A

- CROMO and Premium cables have gold plated connectors

CROMO Male / Male   Premium Male / Male   Male / Male

	0.5 m	1 m	2 m	3 m	5 m
CROMO Male A / Male A	41 600	41 601	41 602	41 603	41 604
Premium Male A / Male A	41 850	31 276	31 277	41 853	31 279
Male A / Male A	41 820	41 821	41 822	41 823	41 824

USB 3.0 Cable, Male A to Male Micro-B

- CROMO and Premium cables have gold plated connectors

CROMO Male / Male   Premium Male / Male   Male / Male

	0.5 m	1 m	2 m	3 m
CROMO Male A / Male Micro-B	41 617	41 618	41 619	41 620
Premium Male A / Male Micro-B	31 280	31 281	31 282	31 283
Male A / Male Micro-B, black	41 835	31 991	41 837	41 838

USB 3.0 Cable, Male A to Male B

- CROMO and Premium cables have gold plated connectors

CROMO Male / Male   Premium Male / Male   Male / Male
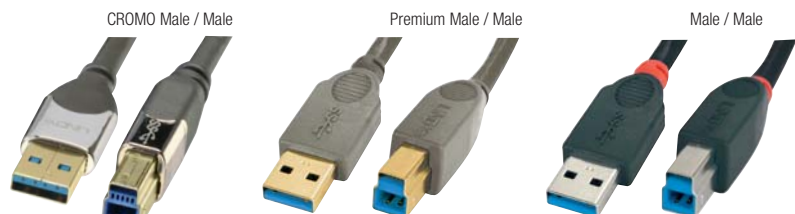
	0.5 m	1 m	2 m	3 m	5 m
CROMO Male A / Male B	41 610	41 611	41 612	41 613	41 614
Premium Male A / Male B	41 840	41 841	31 262	31 263	31 264
Male A / Male B	41 810	31 461	41 812	41 813	41 814

10 YEAR GUARANTEE

USB 3.0 Extension Cable, Male A to Female A

- Premium cables have gold plated connectors

Male / Female   Male / Female

	0.5 m	1 m	2 m	3 m
Premium Type A Male / Female	41 860	31 271	41 862	31 273
Type A Male / Female	41 830	41 831	41 832	41 833

USB 3.0 Flat Cable

Male A / Male B   Male A / Male A   Male A / Male Micro-B

	1 m	2 m	3 m
Male A / Male B	31 450	31 451	31 452
Male A / Male A	31 455	31 456	31 457
Male A / Male Micro-B	31 470	31 471	31 472

USB 3.0 Dual Power Cable

- Provides twice the amount of power from 2 USB connections to a USB external hard drive
- USB 3.0 SuperSpeed, up to 5 Gbit/s

USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Male Micro-B

USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Male A

USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Female A

	0.5 m	1 m
USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Male Micro-B	31 115	31 116
USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Male A	31 100	31 101
USB 3.0 Male A + USB 2.0 Male A red (power) / USB 3.0 Female A	31 112	31 113

... latest products at LINDY.com

CABLES & ADAPTERS

USB HI-SPEED TRANSFER RATES

LINDY USB 2.0 cables are fully USB 2.0 compliant and support all transfer rates up to USB Hi-Speed 480 Mbit/s. They are of course downward compatible with USB 1.1 standard and work with all USB devices. They are packaged, individually in high quality resealable LINDY polybags.

USB 2.0 Reversible Cable

- USB 2.0 Reversible Cable, Male A / Male Mini-B
- Reversible Type A Male connector
- Ultra thin cable design for increased flexibility and portability
- USB 1.1 or USB 2.0, supported
- Data transfer up to 480Mbit/s
- Molded

Male A / Male Mini-B

Male A / Male Micro-B

	0.5 m	1 m	2 m	3 m
USB 2.0 Reversible Cable, Male A / Male Mini-B	31 175	31 176	31 177	–
USB 2.0 Reversible, Male A / Male Micro-B	–	–	–	31 198

USB 2.0 Cable, Male A to Male B

- USB 2.0 Gold Cable
  – Metallic connector, gold plated
  – With 360° EMC shielding
  – Premium cable, double shielded
- USB 2.0 CROMO Cable
  – Gold plated connectors
  – Double shielded, high quality cable
- USB 2.0 Cable, Transparent
  – Connector with red strain relief
  – Molded
  – Double shielded

USB 2.0 GOLD Cable

USB 2.0 CROMO Cable

USB 2.0 Cable, Transparent

25YEAR GUARANTEE

	0.2 m	0.5 m	1 m	2 m	3 m	5 m	7.5 m
USB 2.0 GOLD Cable, Male A / Male B	–	37 685	37 686	37 687	37 688	37 689	–
USB 2.0 CROMO Cable, Male A / Male B	–	41 580	41 581	41 582	41 583	41 584	41 585
USB 2.0 Cable, Transparent, Male A / Male B	41 750	41 751	41 752	41 753	41 754	41 755	–

- USB 2.0 Cable, Gray
  – Connector with red strain relief
  – Molded
  – Double shielded
- USB 2.0 Cable, Black
  – Connector with red strain relief
  – Molded
  – Double shielded
- USB 2.0 Cable, Gray, pack of **50**
  – Connector with red strain relief
  – Molded
  – Double shielded

USB 2.0 Cable, Gray

USB 2.0 Cable, Black

USB 2.0 Cable, Gray, Pack of 50

	0.5 m	1 m	2 m	3 m	5 m
USB 2.0 Cable, gray, Male A / Male B	41 921	41 922	41 923	41 924	41 925
USB 2.0 Cable, black, Male A / Male B	41 741	41 742	41 743	41 744	41 745
USB 2.0 Cable, gray, Male A / Male B, Pack of 50	–	31 810	41 738	31 812	–

USB 2.0 Cable, Male A to Male B

- USB 2.0 GOLD Cable
  - Metallic connector, gold plated
  - With 360° EMC shielding
  - Premium cable, double shielded
- USB 2.0 CROMO Cable
  - Gold plated connectors
  - Double shielded, high quality cable
- USB 2.0 Cable, Transparent
  - Connector with red strain relief
  - Double shielded

USB 2.0 GOLD Cable   USB 2.0 CROMO Cable   USB 2.0 Cable, Transparent

25 YEAR GUARANTEE

	0.2 m	0.5 m	1 m	2 m	3 m	5 m	7.5 m
USB 2.0 GOLD Cable, Male A / Male Mini-B	–	37690	37691	–	37693	37694	–
USB 2.0 CROMO Cable, Male A / Male Mini-B	–	41587	41588	41589	41590	41591	41592
USB 2.0 Cable, Transparent, Male A / Male Mini-B	41780	41781	41782	41783	41784	41785	–

USB 2.0 Cable, Male A to Male Mini-B

- Connector with red strain relief
- Molded
- Double shielded

Male A / Male Mini-B   Male A / Male Mini-B 90° angled

	0.5 m	1 m	2 m	3 m	5 m
Male A / Male Mini-B	41791	31884	41793	41794	41795
Male A / Male Mini-B 90° angled	31970	31971	31972	–	–

USB 2.0 Cable gray, Male B to Female B

- Connector with red strain relief
- Molded
- Double shielded

	0.5 m	1 m	2 m
	31800	31801	31669

USB 2.0 Cable, Male A to Male Micro-B

- CROMO USB 2.0 Cable
  - Gold plated connector
  - With 360° EMC shielding
  - Premium cable, double shielded
- USB 2.0 CROMO Slim Cable
  - Double shielded high quality cable
- USB 2.0 Cable black
  - Connector with red strain relief, molded
  - Double shielded cable

USB 2.0 CROMO Cable   USB 2.0 CROMO SLIM Cable   USB 2.0 Cable, black   USB 2.0 Cable, black, 90°

	0.5 m	1 m	2 m	3 m	5 m
USB 2.0 CROMO, Male A / Male Micro-B	41593	41594	41595	41596	41597
USB 2.0 CROMO Slim, Male A / Male Micro-B	–	41690	41691	–	–
USB 2.0 Cable Black, Male A / Male Micro-B	41801	41802	41803	41804	41805
USB 2.0 Cable Black, Male A / Male Micro-B 90° angled	31975	31976	31977	–	–

CABLES & ADAPTERS

USB 2.0 Cable, Type A

- Connector with red strain relief
- Molded
- Double shielded

Male / Male, gray   Male / Female, gray   Male / Female, black

	0.2 m	0.5 m	1 m	2 m	3 m	5 m
USB 2.0 cable, gray, Male A / Male A		–	41 931	41 932	31 640	41 934	41 935
USB 2.0 cable, gray, Male A / Female A	41 760	41 761	41 762	41 763	41 764	41 765
USB 2.0 cable, black, Male A / Female A	31 853	41 771	41 772	41 773	41 774	41 775

USB 2.0 Cable, Black

- Connector with red strain relief
- Molded
- Double shielded

Male Micro-A / Male B   Male Micro-A / Male Mini-B   Male Micro-A / Male Micro-B

	0.5 m	1 m	2 m	3 m
Male Micro-A / Male B	–	31 951	31 952	31 953
Male Micro-A / Male Mini-B	31 960	31 961	31 962	31 963
Male Micro-A / Male Micro-B	31 940	31 941	31 942	31 943

USB 2.0 Dual Power Cable

- 2x USB Male A / Male Mini-B
- Provides twice the amount of power from 2 USB connections to a USB external hard drive
- Transparent connector, molded
- Double shielded

	0.5 m	1 m	2 m
Distance between A connectors 0.2m	31 779	31 784	31 785
Distance between A connectors 0.5m	–	31 786	31 787

Dual Charger & Sync Cable

- USB Type A Male / 2x Micro-B Male USB 2.0, 2x 1.5m
- Simultaneous charging of 2 mobile phones
- Black Micro-B Male: charge & sync
- Red Micro-B Male: charging only

Charge & Sync   Charging only
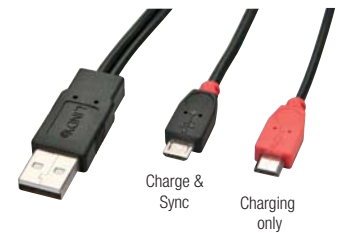
	31 661

USB 2.0 Coiled Cable, transparent

- Double shielded
- Molded connector

Male A / Micro-B   Male A / Mini-B   Male A / Female A
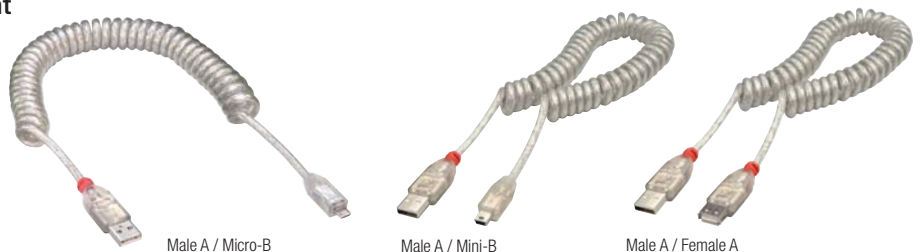
	0.2 m–2.0 m
USB 2.0 Male A / Mini-B	31 925
USB 2.0 Male A / Micro-B	31 926
USB 2.0 Male A / Female A	31 927

10 YEAR GUARANTEE

USB 2.0 Flexible Lightning Cable, Reversible Male A to Lightning Male

- Male A / Lightning Male
- Reversible Type A connector can be plugged in any orientation
- Flat, flexible cable design
- Material : TPE

31390 31391 31392

31393 31390 31390

	1 m
Male A / Lightning Male, black	31 390
Male A / Lightning Male, blue	31 391
Male A / Lightning Male, green	31 392
Male A / Lightning Male, yellow	31 393
Male A / Lightning Male, orange	31 394
Male A / Lightning Male, pink	31 395

USB 2.0 Reversible Flat Cable, Male A to Male Micro-B

- Male A / Male Micro-B
- Male A reversible
- Flat cable, extremely flexible, shielded
- Material: TPE
- Molded connector

30895 30900 30905
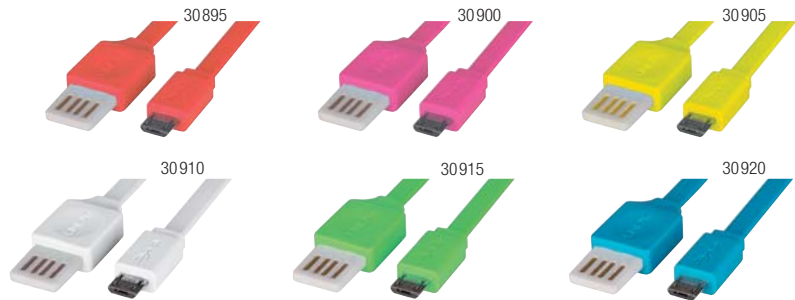
30910 30915 30920

	0.5 m	2 m
Male A / Male Micro-B, orange	30 895	30 897
Male A / Male Micro-B, pink	30 900	30 902
Male A / Male Micro-B, yellow	30 905	30 907
Male A / Male Micro-B, white	30 910	30 912
Male A / Male Micro-B, green	30 915	30 917
Male A / Male Micro-B, blue	30 920	30 922

USB Coiled Cable, different colors

- Double shielded
- Molded connector

30924 30925 30926 30927

30928 30929
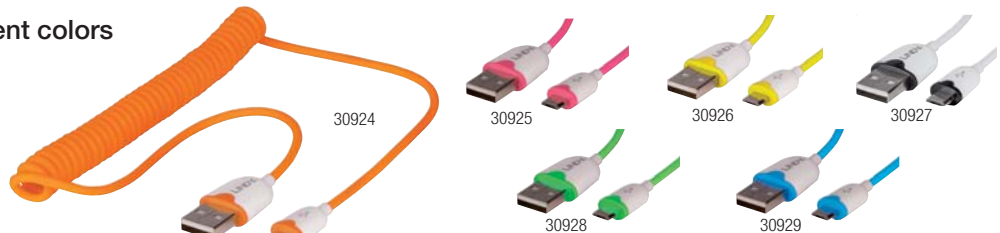
	1.6 m
Male A / Male Micro-B, orange	30 924
Male A / Male Micro-B, pink	30 925
Male A / Male Micro-B, yellow	30 926
Male A / Male Micro-B, white	30 927
Male A / Male Micro-B, green	30 928
Male A / Male Micro-B, blue	30 929

CABLES & ADAPTERS

USB ON-THE-GO (OTG)

USB On-The-Go (OTG) are devices that can be connected as a USB device to a computer, or to other USB devices (hubs, storage media, printers, mice, keyboards...). Modern smartphones are best known to work with OTG devices, you can for example use a USB A/Micro-B cable to transfer pictures from your phone to a PC. Most smartphones support USB hubs and other USB devices by using a USB Micro-B OTG cable. You will find the appropriate USB OTG hub on page 159 and USB OTG cable on this page below. In the future this function is also provided by the new Type-C connector, it can work as a downlink as well as an uplink connection.

USB 3.0 Cable OTG

- Connector with red strain relief
- Molded
- Double shielded

31612

31613

	0.5 m
Female A / Male Micro-B with charging connector Male A	31612
Female A / Male Micro-B	31613

USB 2.0 Cable OTG, transparent

- Connector with red strain relief
- Molded
- Double shielded

Male Mini-A / Male B   Male Mini-A / Male Mini-B   Male Mini-A / Male Micro-B

	0.5 m	1 m	2 m	3 m
Male Mini-A / Male B	–	31628	31629	31630
Male Mini-A / Male Mini-B	31632	31633	31634	–
Male Mini-A / Male Micro-B	31805	31806	31807	–

USB 2.0 Adapter OTG

- Male Micro-B / Female A
- Compact design
- Color: white

31933

USB 2.0 Cable OTG

- Connector with red strain relief
- Molded
- Double shielded

Female A / Male Micro-A   Female A / Male Micro-B   Male Micro-A / Male Mini-B   Male Micro-B / Male Mini-B   Male Micro-B / Male Micro-B
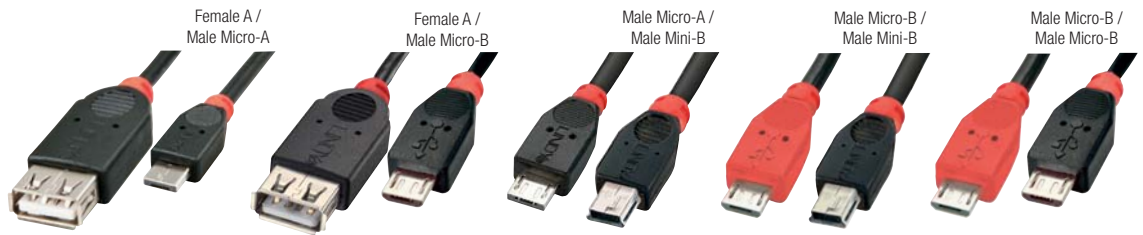
	0.5 m	1 m	2 m
Female A / Male Micro-A	31945	31956	–
Female A / Male Micro-B	31935	31936	–
Male Micro-A / Male Mini-B	31957	31958	–
Male Micro-B / Male Mini-B	31717	31718	31719
Male Micro-B / Male Micro-B	31758	31759	31760

10 YEAR GUARANTEE

Lightning to USB Cable

- Charge & Sync cable for iPhone, iPad & iPod

31 349–31 350   31 352   31 353   41 575   31 620

Made for iPod iPhone iPad

	0.5 m	1 m	2 m
Premium	31 349	31 350	31 352
CROMO	–	41 575	–
Retractable	–	31 620	–

USB to Micro-B & Lightning Cable

- Charge & Sync cable for mobile devices
- USB A Male to USB Micro-B and Lightning Male

Made for iPod iPhone iPad

31 345

Lightning to Micro USB Adapter

- Lightning Male / USB Micro-B Female
- Compatible with: iPhone, iPad and iPod with Lightning interface
- Charge, sync or data transfer

Made for iPod iPhone iPad

41 076

AV Cable (Composite Video)

Movies, pictures & music can be played on devices with composite video/audio connectors.

Made for iPod iPhone iPad

73 349

USB Charge & Sync Cable for iPad

Sync

Charge

- Allows data synchronization and charging via USB
- Includes slide switch for switching between sync and charging
- Use with original cable
- Length: ~1.2m

73 335

Protector Kit for Lightning Cable

- Lightning cable protector kit prevents cable break on Lightning and USB connector
- 2 protectors: 1 x Lightning + 1 x USB A
- Suitable for all cables with Lightning connector to USB A
- Fluorescent material (glows in the dark)

NEW

white	pink	green	blue
31 385	31 387	31 388	31 389

CABLES & ADAPTERS

Retractable USB 3.0 Cable

A Male / B Male	A Male / Micro-B Male
31 997	31 998

Retractable USB 2.0 Cable

A Male / B Male	A Male / Mini-B Male	A Male / Micro-B Male	Extension Cable A Maler / A Female
31 617	31 618	31 619	31 616

USB 3.0 Adapters

A Male / B Female	A Male / Micro-B Male	B Male / B Female	A Female / B Male	A Female / Micro-B Male
71 270	71 271	71 273	71 274	71 275

A Female / A Female	A Female / B Female	B Female / Micro-B Male	A Male / A Female 90° Down	A Male / A Female 90° Up
71 276	71 277	71 278	71 260	71 261

USB 2.0 Adapters

A Male / B Female	A Male / A Male	A Female / A Female	A Male / B Female	B Female / Mini-B Male	B Female / Micro-B Male	Mini-B Female / Micro-B Male	Micro-B Female / Mini-B Male	Male A / Micro-B Female
71 228	71 229	71 230	71 231	71 232	71 233	71 234	71 235	71 236

LINDY

USB 2.0 360° Adapters

- USB A Male / A Female
- Rotatable and tiltable in every direction
- USB 2.0/1.1 compatible

USB 2.0 360° Adapter A Male / A Female	70339

USB Mainboard Adapter

Adapts the USB pin header connector of the motherboard or expansion cards to two USB Type A connectors
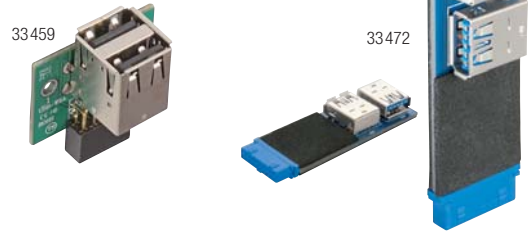
33459

33472

USB 2.0 Mainboard Adapter IDC 2x5	33459
USB 3.0 Mainboard Adapter IDC 2x10	33472

USB 3.0 Back Plate Adapter

- 2x USB Type A Female / IDC-20 for mainboard connector
- ~ 50cm
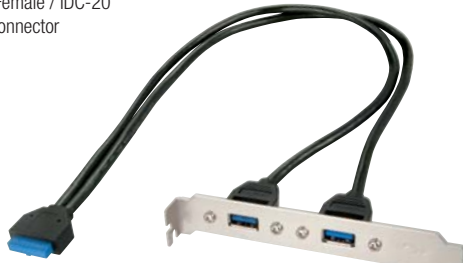
10 YEAR GUARANTEE

	33096

FireWire Adapters

70395

30762

10 YEAR GUARANTEE

FireWire Adapter 6 Pin Female / 4 Pin Male	70395
Adapter Cable, FireWire 800/400 9 Pin Male / 6 Pin Female	30762

FireWire & USB Back Plate Adapter

33124

33123

33147, 33141
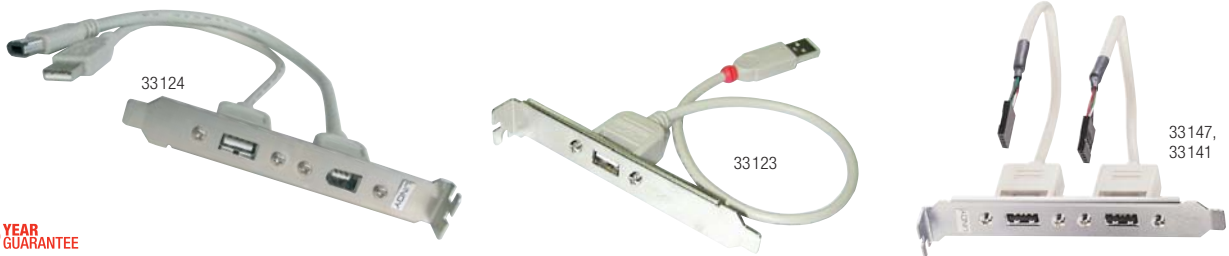
10 YEAR GUARANTEE

1x USB 2.0+1x FireWire-6 / USB Type A M+FireWire-6 M ~30cm	33124
1x USB 2.0 / USB Type A Male, ~30cm	33123
2x USB / IDC-5, for 5 Pin mainboard connector, ~20cm	33147
2x USB / IDC-4, for 4 Pin mainboard connector, ~14cm	33141

CABLES & ADAPTERS

FIREWIRE CABLE

LINDY PREMIUM Gold FireWire cables are fully compliant with IEEE 1394 FireWire standards and support all transfer rates up to FireWire 400 with 400 Mbit/s or FireWire 800 with 800 Mbit/s. They work with all FireWire, iLink, DV and Mini-DV devices.
Due to their high quality, these cables also work with lengths of over 4.5 m. The maximum data rate depends on the connected devices when having lengths of up to 25m.

Premium Gold FireWire Cable

- Gold plated connectors

	0.3 m	1 m	2 m	3 m	4.5 m	10 m	20 m
6 Pin Male / Male	30859	30860	30861	30862	30863	30865	30867
6 Pin Male / 4 Pin Male	30869	30870	30871	30872	30873	30875	30877
4 Pin Male / Male	–	–	30881	–	30883	30885	30887

Premium Gold FireWire 800 Cable

- Gold plated connectors

	0.3 m	1 m	2 m	3 m	4.5 m	7.5 m	10 m	15 m	20 m	25 m
9 Pin Beta Male / Male	30754	30755	30756	30757	30758	–	30760	–	30745	30746
9 Pin Bilingual Male / 6 Pin FireWire 400 Male	30764	30765	30766	30767	30768	–	30770	–	–	–
9 Pin Bilingual Male / 4 Pin FireWire 400 Male	30784	30785	30786	30787	–	–	–	–	–	–

... latest products at LINDY.com

LINDY

PS/2 Cable

- For mouse, keyboard, trackball, barcode scanner etc.
- Shielded cable and connectors

Male / Male

Male / Female

	1 m	2 m	3 m	5 m	10 m	20 m
Male / Male	33265	33266	33267	33268	33270	–
Male / Female	33460	33461	33462	33463	33465	33467

SUN & Mac Cable, 8 Pin Mini DIN

- Mini DIN-8 Cable
- Shielded cable and connectors

Male / Male (31531)

Male / Female (31533)

	2 m	5 m
Male / Male, 1:1 connection	31532	31539
Male / Male, (not 1:1), see website	31531	31534
Male / Female, 1:1 connection	31533	33051

Keyboard & Mouse Adapter PS/2 AT / Serial

DIN-5 Female / PS/2 MD-6 Male
- Adapter Cable, ~15cm

70129

PS/2 MD-6 Female / DIN-5 Male
- Adapter Cable, ~15cm

70139

PS/2 Mouse to serial AT-RS232 connector device
- For PS/2 RS232 multi protocol mice

70248

USB PS/2 Mouse/Keyboard Adapter

Only for multi protocol USB PS/2 mice or keyboards

USB Type A Female / mini-DIN 6 Male, port adapter

70000

USB Type A Male / mini-DIN 6 Female, port adapter

70510

USB Type A Male / mini-DIN 6 Female, cable, ~10cm

70511

USB Type A Female / mini-DIN 6 Male, cable, ~15cm

70002

AT Keyboard Cable, 5 Pin DIN

- DIN-5 pin Male / Male, 1:1 connection, length 5m

31512

PS/2 to USB Adapter

- 2x PS/2 mini-DIN 6 pin Female / USB Type A Male A

2 YEAR GUARANTEE

42866

Mouse & Keyboard Adapter

- PS/2-Y Adapter Cable PC
- PS/2 mini DIN-6 pin Male / 2x Female

30365

Mini-Adapter / Gender Changer

70342   70071   70082   70072

Connection 1	Connection 2	
6 Pin Mini-DIN Female	6 Pin Mini-DIN Female	70342
9 Pin Sub-D Male	9 Pin Sub-D Male	70071
9 Pin Sub-D Male	9 Pin Sub-D Female	70082
9 Pin Sub-D Female	9 Pin Sub-D Female	70072

PS/2, AT to RS232 Adapter

- For round cable
- Supplied with housing

62051   62042

9 Pin Sub-D Male, Metal, 5 pieces	62042
9 Pin Sub-D Female, Metal, 5 pieces	62051

CONNECTOR TYPES

VGA

VGA is the traditional analog monitor connector with the HD15 connector, also called High Density Sub-D 15 pin connector. With this cable, the analog video signals are transmitted from the graphics card to the monitor.
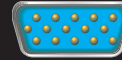
HD15M – High Density Sub-D
15 pin male (VGA)

HD15F – High Density Sub-D
15 pin female (VGA)

DVI

DVI is the standard for connecting flat panel displays. The VGA port is increasingly being replaced by DVI connections. Standard DVI-I supports both traditional analog VGA signals as well as digital DVI-D, HDMI, DFP and P&D signals via a single connector.

DVI is thus a true all-rounder, which is why there are several different DVI plugs available:
- Digital signal only, single link connection: DVI-D, up to 1920 x 1200
- Digital signal only, dual link connector for high-resolution monitors up to 2560 x 1600 pixels: DVI-D (Dual Link)
- Analog signal connection only: DVI-A (VGA compatible)
- Integrated, combined analog & digital connection: DVI-I

Graphics cards with DVI-I output can usually display both analog and digital signals over the DVI-I port. The active signal depends on the connected monitor and the driver settings.

DVI-D Single Link
male (18+1, digital)

DVI-I female (24+5,
analog and digital)

DVI-I Single Link male
(18+5, analog and digital)

DVI-D female (24+1,
digital, NOT for DVI-I male)

DVI-A male (12+5,analog,
VGA HD15 compatible)

DVI-D Dual Link male
(24+1, digital)

HDMI

HDMI is the current standard for transferring digital video and audio signals between modern AV devices. HDMI is the digital replacement for analog SCART, S-Video, composite video & audio as well as component video (YUV).
The Mini and Micro HDMI connectors were defined with the same amount of contacts, but with a smaller plug.

Our current HDMI High Speed Cables are compatible with HDMI 2.0.

HDMI male A,
19 pin, digital

Mini HDMI male C,
19 pin, digital

Micro HDMI male D,
19 pin, digital

DP – DISPLAYPORT

DP – DisplayPort is replacing the DVI standard, especially on notebooks and Macs. DP currently supports resolutions up to 4K (4096 x 2160). HDMI, DVI and VGA adapters are available. Apple has introduced a smaller form factor, Mini DisplayPort and Thunderbolt.

The DisplayPort features could be expanded in the future by adding USB support (with the same connectors).

DisplayPort
male

Mini DisplayPort
male

COMPATIBILITY

With a simple adapter you can turn a **DVI-I** video card output to an analog VGA connection.

HDMI signals are broadly compatible with digital DVI signals, although the HDCP encryption is mandatory for HDMI, it is only optional for DVI signals. HDMI is able to transmit audio signals, which DVI devices do not support (but DVI cables do). DVI graphic card outputs can be adapted to HDMI via a simple cable adapter. However, audio signals will not be transmitted to the HDMI port. To adapt from HDMI to DVI is also possible, but a display with DVI input supporting HDCP (HD Ready) is required.
The audio signal will not be transmitted.

To adapt from DisplayPort to HDMI, DVI or VGA active electronic adapters are necessary (see following pages).

VGA Cable with BNC Connectors

- VGA HD-15 pin male / 5x BNC male
- LINDY design, molded, competely shielded
- RGB & HV as coax versions

	1.8 m	5 m
	31 562	31 567

EGA, CGA Monitor Cable

male / male   male / female

	2 m	3 m	5 m
EGA/CGA Sub-D-9 male / male	31 510	31 524	31 527
EGA/CGA Sub-D-9 male / female	31 519	31 520	31 525

VGA, EGA, CGA Mini Adapter/Gender Changer

70343
70092
70093
70094

port 1	signal	port 2	
9 pin Sub-D male	EGA - VGA	15 pin HD female	70 343
15 pin HD male	VGA	15 pin HD male	70 092
15 pin HD male	VGA	15 pin HD female	70 093
15 pin HD female	VGA	15 pin HD female	70 094

VGA 90° Adapter

70318   70387
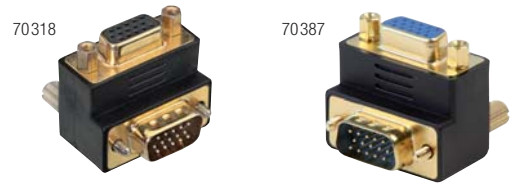
- 90° angled VGA connections
- VGA cable connection faced up or down

VGA 90° angled adapter, up	70 318
VGA 90° angled adapter, down	70 387

VGA or DVI/VGA 1:2 Splitter Cable

VGA 1:2 splitter cable, passive

- Connect a computer to two VGA monitors
- 1x 15 pin VGA male to 2x 15 pin VGA female
- Gold plated connector
- Suitable for installations up to 10m
- Cable length: 20cm

DVI/VGA 1:2 splitter cable, passive

- Connect two VGA monitors to a single DVI-I port
- 1x DVI-I (analog) / DVI-A male to 2x 15 pin VGA female
- Gold plated connector
- Suitable for installations up to 10m
- Cable length: 20cm

41 214	41 051

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CABLES & ADAPTERS
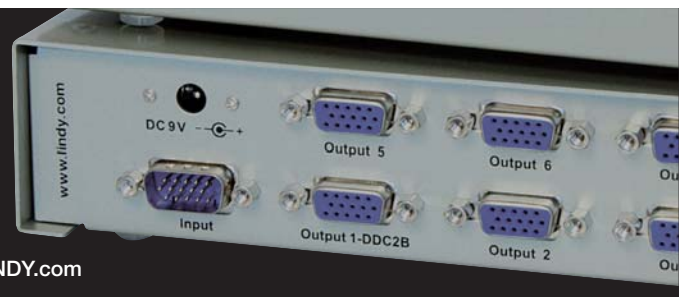
GOLD

GOLD VGA MONITOR CABLE, FOR THE MOST DEMANDING

Our Gold VGA cables have been designed for users who demand maximum reliability and the best possible performance. No compromises have been made in design or construction to ensure that these cables provide great picture quality at the highest resolutions, even over very long distances.

The perfect choice for home cinema, presentation, CAD, DTP and AV installations.

Triple-shielded low loss coaxial cable

Tinned copper braided shielding

Secondary internal aluminium mylar shielding without gaps for interference

3x 75 Ohm RGB cores with individual shielding

Individual cores for the non-critical signals
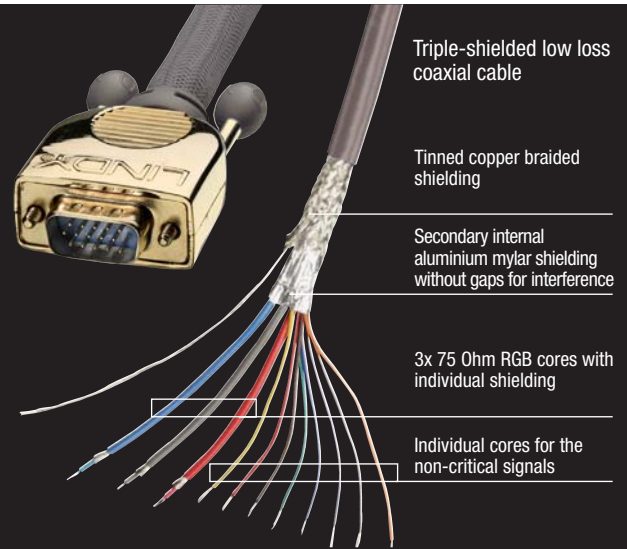
GOLD VGA

- VGA HD-15 Pin
- Gold plated metal plug and contacts
- Color: anthracite
- Fully shielded
- RGB as coax versions
- DDC2 compatible
- Does not require ferrite cores

male / male

male / female

25 YEAR GUARANTEE	2 m	3 m	5 m	10 m	15 m	20 m	30 m	40 m	50 m
Male / male	37 820	37 821	37 822	37 823	37 824	37 825	37 826	37 827	37 828
Male / female	37 835	37 836	37 837	37 838	37 839	37 840	37 841	37 842	37 843

Premium VGA Cables with ferrite core for High Resolutions

- VGA HD-15 Pin
- For resolutions up to 2560 x 1600 (WQXGA)
- LINDY design, molded
- Fully shielded
- RGB as coax versions
- DDC2 compatible
- Ferrite cores
- Extension: Not for VGA splitters and switches which require to be screwed on
- *SLD construction

male / male

male / female

extension cable

10 YEAR GUARANTEE	0.25 m	0.5 m	1 m	2 m	3 m	5 m	7.5 m	10 m	15 m	20 m	30 m	40 m	50 m
Male / male	36 370	36 371	36 372	36 373	36 374	36 375	36 376	36 377	36 378	36 379	36 380*	36 381*	36 382*
Male / female	36 390	36 391	36 392	36 393	36 394	36 395	36 396	36 397	36 398	36 399	–	–	–
Extension cable	–	–	36 450	36 451	36 452	36 453	36 454	36 455	36 456	36 457	–	–	–

LINDY

10 YEAR GUARANTEE

BRILLIANT, SHARP IMAGE

LINDY provides a wide range of cables to fit your every need. If high quality is needed, look for cables that are well shielded and transmit RGB signals over coaxial cables. With the Premium Gold VGA cables one can easily overcome distances up to 100m. If you wish to transmit VGA signals over greater distances, you can find appropriate LINDY VGA extenders on page 72–74.

Premium VGA Cable for High Resolution

- VGA HD-15 Pin
- For resolutions up to 2560 x 1600 (WQXGA)
- LINDY design, plastic, molded
- Fully shielded
- RGB as coax versions
- DDC2 compatible, ferrite core
- Male / female:
  Also for VGA splitters and switches
  which require to be screwed on

male / male   male / female
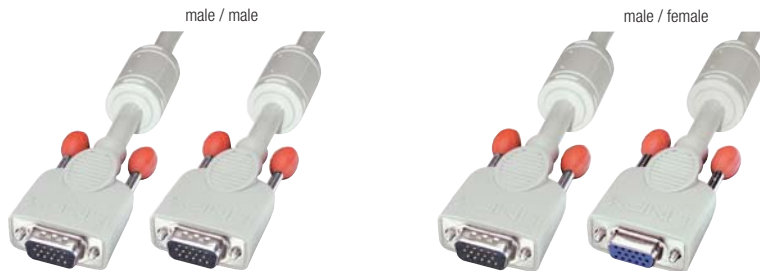
	0.25m	1m	2m	3m	5m	7.5m	10m	15m	20m
Male / male	36340	36341	36342	36343	36344	36345	36346	36347	36348
Male / female	36360	36361	36362	36363	36364	36365	36366	36367	36368

Classic VGA Cable (without ferrite core, flexible, 6mm in diameter)

- VGA HD-15 Pin
- Low priced VGA monitor cables
- DDC enabled
- Plastic, molded
- For high resolution up to 1920 x 1200
- RGB as coax versions

male / male   male / female   extension cable

	1m	2m	3m	5m
Male / male	31440	31441	31442	31443
Male / female	31420	31421	31422	31423
Extension cable	31430	31431	31432	31433

Standard VGA Cable

- VGA HD-15 Pin
- For resolution up to 800 x 600
- Plastic, molded

male / male   male / female

	1m	2m	3m	5m
Male / male	31550	31551	31549	31552
Male / female	31544	31541	31543	31542

Premium VGA & Audio Cable

- VGA + 3.5mm M/M
- VGA HD-15 pin / 3.5mm stereo jack
- LINDY design, molded, competely shielded
- RGB as Coax versions
- DDC2 compatible with ferrite cores
- Audio break-out cable length: 50cm

	1m	2m	3m	5m	7.5m	10m	15m
Male / male	37298	37299	37300	37301	37302	37303	37304

details at www.LINDY.com

CABLES & ADAPTERS

DVI to VGA Adapter Cable

DVI Male (DVI-A) to
VGA HD-15 male

	1 m	2 m	3 m	5 m
	41 195	41 196	41 197	41 198

DVI-I to DVI-D + VGA Adapter Cable

DVI-I (M) -> DVI-D (F) + VGA (F) monitor splitter cable, Dual Link

- Only with graphic cards that send digital DVI-D signals and analog VGA signals over a single DVI-I output
- Dual Link Digital & Analog

Gray	41 048
Black	41 218

DVI-I (F) − > DVI-D (M) + VGA (M) monitor adapter cable, Dual Link

- Use with DVI-I KVM switches connected to DVI LCD monitors with separate inputs for analog VGA and digital DVI-D signals

Gray	41 008
Black	41 204

DVI-D to VGA Adapter Cable

DVI-D (18+1) male + USB power to 15 pin VGA HD male

	1 m	2 m	3 m	5 m
	41 430	41 431	41 432	41 433

VGA to DVI Adapter (analog signal)

DVI-female (DVI-A) / VGA HD-15 pin male

0.2 m	41 223

DVI-male (DVI-A) / VGA HD-15 pin female

0.2 m	41 222

DVI Splitter Cable, 2 port, passive

DVI Dual Link splitter cable, 1:2, passive

- DVI-D male to 2x DVI-D female

41 215

DVI/VGA splitter cable, 2 port, passive

- DVI-I male to 2x VGA female

41 051

DVI-D to VGA Active Converter

- Converts DVI-D to VGA
- Short active cable converter

38 189

LFH / DMS59 Adapter Cable

Adapter cable DMS59 (LFH) to 2x DisplayPort female

41 084

Adapter cable DMS59 (LFH) to 2x DVI-I (digital & analog VGA)

41 009

Adapter cable DMS59 (LFH) to 2x VGA female

41 010

Adapter Cable DVI to M1, P&D, EVC

DVI female & USB-B female / M1-DA, P&D(EVC) male

- Projector to DVI & USB cable

41 229

DVI female & USB-B female / M1-D, P&D(EVC) male

- Projector to DVI & USB cable

41 299

DVI-male (DVI-A) / VGA HD-15 pin female

41 194

▶ DIGITAL MONITOR SIGNALS

Digital monitor signals have a major advantage compared to analog signals. The image quality is not reduced when transfered from graphics card to monitor - you always have a perfectly sharp, brilliant and true color image.

There is one disadvantage: The cable lengths are generally limited to about 25m when using high-end cables (depending on resolution). An extender is required for greater distances.

GOLD DVI-D Dual Link

- DVI-D male or female (digital, 24 pin)
- Digital Dual Link
- Male with gold plated metal connector, maximum shielded
- The best cable for DVI
- For the highest resolutions such as 2560 x 1600 for 30" HD displays and dual link graphic cards

male / male   male / female

25 YEAR GUARANTEE

	0.5m	1m	2m	3m	5m	7.5m	10m
Male / male DVI-D (24+1)	37140	37141	37142	37143	37144	37145	37146
Male DVI-D (24+1) / female DVI-D (24+5 compatible)	–	–	37150	–	–	–	–

Premium DVI-D Dual Link

- Premium quality cable
- DVI-D male or female (digital, 24 pin)
- For resolutions up to 2560 x 1600
- Sealed metal connector, fully shielded

male / male   male / female

	0.5m	1m	2m	3m	5m	7.5m	10m
Male / male DVI-D (24+1)	41238	41239	41240	41241	41242	41244	41243
Male DVI-D (24+1) / female DVI-D (24+5 compatible)	41127	41128	41245	41246	41247	41249	41248

DVI-I Single Link

- DVI-I male / male (integrated analog & digital, 18+5 pin)
- Molded, shielded

1m	2m	3m	5m
36600	41271	36602	41273

DVI-D Single Link

- DVI-D male / male (digital, 18+1 Pol)
- Molded, shielded

1m	2m	3m	5m	10m
41280	36606	36607	36608	36609

DVI-D Dual Link

- DVI-D male / male (digital, 24 pin)
- Up to 2560 x 1600
- Molded, shielded

0.35m	1m	2m	3m	5m
36610	41290	36612	36613	36614

CABLES & ADAPTERS

GOLD Super Long Distance DVI – Single Link

- DVI-D male / male (digital, 18+1 pin)
- Super Long Distance cable
- Special construction & precision for long distances
- Digital Single Link
- Solid metal connector with 24K gold plating, maximum shielding
- For DVI-D resolutions up to 1920 x 1200

25 YEAR GUARANTEE

10 m	15 m	20 m	25 m
37160	37161	37162	37163

GOLD Super Long Distance DVI – Dual Link

- DVI-D male / male (digital, 24+1 pin)
- Super Long Distance cable
- Special construction & precision for long distances
- Solid metal connector with 24K gold plating, maximum shielding
- For the highest resolutions such as 2560 x 1600 for 30" HD displays and dual link graphic cards
- DVI repeater (32667) is required when using longer cables

25 YEAR GUARANTEE

10 m	15 m	20 m	25 m
37155	37156	37157	37158

DVI Super Long Distance – Single Link

- DVI-D male / male (digital, 18+1 pin)
- For DVI-D resolutions up to 1920 x 1200
- Digital Single Link
- Sealed metal connector, fully shielded

10 YEAR GUARANTEE

10 m	15 m	20 m	25 m
41260	41261	41262	41263

DVI Super Long Distance – Dual Link

- DVI-D male / male (digital, 24+1 pin)
- For DVI-D resolutions up to 2560 x 1600
- Digital Dual Link
- Molded, shielded
- DVI repeater (32667) is required when using longer cables

10 YEAR GUARANTEE

10 m	15 m	20 m
41285	41286	41287

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LINDY

DVI / HDMI Adapter Cable

- For digital DVI-HDMI connection
- Molded, fully shielded

HDMI male / DVI-D male

Micro HDMI / DVI-D male

Mini HDMI / DVI-D male

	0.5m	1m	2m	3m	5m	10m
HDMI male / DVI-D male (18+1)	36 580	36 581	36 582	36 583	41 104	41 106
Micro HDMI male / DVI-D male (18+1)	41 150	41 151	41 152	41 153	–	–
Mini HDMI male / DVI-D male (18+1)	41 175	41 176	41 177	41 178	–	–

DVI Hybrid Cable up to 150m

- DVI-D male / male (digital)
- Hybrid cable, fiber optic & copper
- DVI-D Single Link Digital up to 1920 x 1200
- Metal connector with electronics
  (not removable)

20m	30m	40m	50m	60m	70m	80m	90m	100m	150m
38 370	38 371	38 372	38 373	38 374	38 375	38 376	38 377	38 378	38 379

Extender DVI-D Cat.6

- DVI signals via flexible Cat.6/6A RJ45 cable up to 50m
- Max. distance dependant on signal quality and RJ45 cables
- **32 599:** 1920 x 1200@60Hz up to 15m with Cat.6A S/FTP
- **38 300:** Active extender with repeater 1920 x 1200@60Hz up to 50m with Cat.6A S/FTP

cable not included

38 300

32 599

DVI Cat.6 Extender Classic 15m	32 599
DVI Cat.6 Extender Active 50m	38 300

DVI-D to HDMI Adapter

41 227

LEARN MORE →88

41 228

DVI-D female / HDMI male	41 227
DVI-D male / HDMI female	41 228

DVI 90° Adapter

DVI 90° Adapter, angled down, metallic
- Connectors: DVI-I (24+5), analog and digital, Single and Dual Link
- 360° full shielding

60 514

DVI 90° Adapter, angled up, plastic
- Connectors: DVI-I (24+5), analog and digital, Single and Dual Link
- Molded plastic design, shielded

41 253

DVI 90° Adapter, angled down, plastic
- Connectors: DVI-I (24+5), analog and digital, Single and Dual Link
- Molded plastic design, shielded

41 252

Premium DVI Coupler

LEARN MORE →22

- Short adapter, DVI-I 24+5 pin, gold plated
- Supports DVI-A, DVI-I & DVI-D Dual Link
- Short, compact form, shielded

41 233

Premium DVI Port Saver Adapter

- **41 098:** Dual Link digital (24+1) male
- **41 099:** Dual Link digital & analog (24+5) male

41 098

41 099

DVI-I, male / female	41 099
DVI-D male / DVI-I female	41 098

GOLD

GOLD HDMI CABLE – ATC CERTIFIED

LINDY GOLD HDMI cables have successfully passed the HDMI ATC (Authorized Test Centers) testing for CAT2 HDMI High Speed cable. These cables meet the requirements set by the HDMI organization. ATC certified for cable lengths up to 10m with Deep Color, higher resolution & 3D.

HDMI™

All products with this logo are HDMI ATC approved and without compatibility constraints.
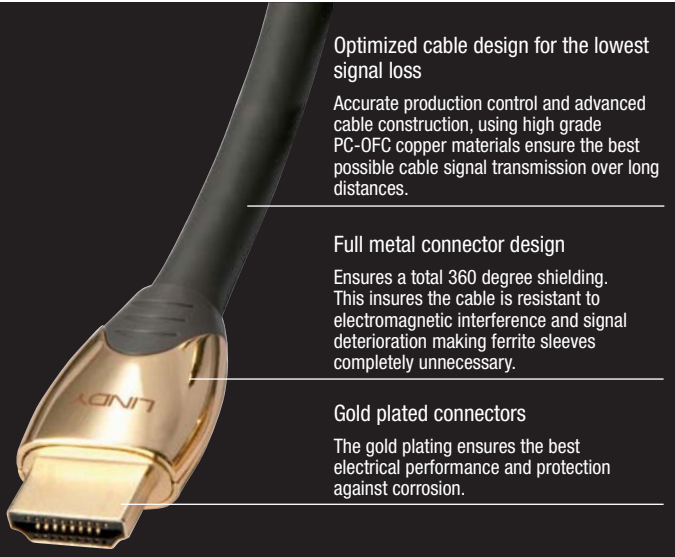
Optimized cable design for the lowest signal loss

Accurate production control and advanced cable construction, using high grade PC-OFC copper materials ensure the best possible cable signal transmission over long distances.

Full metal connector design

Ensures a total 360 degree shielding. This insures the cable is resistant to electromagnetic interference and signal deterioration making ferrite sleeves completely unnecessary.

Gold plated connectors

The gold plating ensures the best electrical performance and protection against corrosion.

GOLD HDMI High Speed Cable with Ethernet

- Absolutely best for HDMI devices. Supports HDMI Ethernet channel
- HDMI male / male (digital, 19 pin)
- Gold plated metal connectors, fully shielded
- High Speed HDMI 2.0 and CAT2 (with Ethernet)
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth - Deep Color, x.v.ColorTM and xvYCC compatible
- Supports all 3D formats

25 YEAR GUARANTEE **HDMI™**

0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m
37850	37851	37852	37853	37854	37855	37856	37857	37858

GOLD DVI-D / HDMI Cable Single Link

- Best for connecting HDMI and DVI devices
- DVI-D male (digital, 18+1 pin) / HDMI male (19 pin)
- Digital Single Link
- Gold plated metal connectors, fully shielded
- HDTV and HDCP compatible

25 YEAR GUARANTEE

0.5m	1m	2m	3m	5m	10m	15m
37180	37181	37182	37183	37184	37185	37186

LINDY

10 YEAR GUARANTEE

CROMO HDMI High Speed Cable with Ethernet

- High Speed HDMI 2.0 and CAT2
- HEC compatible
- For resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR –
- Deep Color, 3D formats

A / A   A / D   A / C

HDMI	0.3m	0.5m	1m	2m	3m	5m	7.5m	10m
CROMO HDMI Type A male / A male (with Friction Locking for secure connections)	41 439	41 440	41 441	41 442	41 443	41 444	41 445	41 446
CROMO HDMI Type A male / Micro HDMI Type D male	–	41 420	41 421	41 422	–	–	–	–
CROMO HDMI Type A male / Mini HDMI Type C male	–	41 435	41 436	41 437	41 438	–	–	–

Premium HDMI High Speed Cable with Ethernet

- Molded and completely shielded
- High Speed HDMI 2.0 CAT2 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR –
  Deep Color, 3D formatse

A / A   A / A female   A / C   C / C

HDMI	0.3m	0.5m	1m	2m	3m	5m
HDMI Type A male / A male	41 109	41 110	41 111	41 112	41 113	41 114
HDMI Type A male / A female	–	41 313	41 314	41 315	41 316	–
HDMI Type A male / Mini HDMI Type C male	–	41 030	41 031	41 032	41 033	–
Mini HDMI Type C male / C male	–	41 040	–	41 042	–	–

Premium HDMI High Speed Cable with Ethernet

- High Speed HDMI 2.0 and CAT2 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR –
  Deep Color, 3D formats

D / A   D / C   D / D
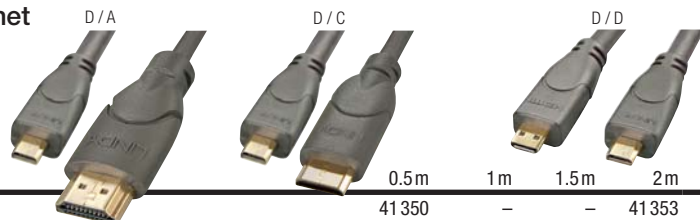
HDMI	0.5m	1m	1.5m	2m	3m
Micro HDMI Type D male / HDMI Type A male	41 350	–	–	41 353	41 354
Micro HDMI Type D male / Mini HDMI Type C male	41 340	–	41 342	–	–
Micro HDMI Type D male / D male	–	41 361	–	–	41 364

Premium HDMI Super Long Distance with Ethernet

- HDMI Type A male / male
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats

HDMI	7.5m	10m	15m	20m
	41 115	41 116	41 117	41 118

▶ HDMI SUPER LONG DISTANCE SOLUTIONS

Normal HDMI cables work reliably up to 5m. Longer distances of up to 20m can be bridged with optimized cable material, provided that the HDMI signal source sends a stable quality signal. Onboard graphic cards often found on motherboards and in notebooks may have a weaker HDMI signal and may have issues sending signals over great distances. The LINDY High Speed HDMI Hybrid Cable can be used when bridging longer distances.

CABLES & ADAPTERS

Classic HDMI High Speed Cable

- Molded, fully shielded
- HDMI 2.0 CAT2 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth - Deep Color, etc.
- *41165: Standard HDMI cable, Full HD 1080p

round cable   flat cable   flat cable

HƆMI

	0.5m	1m	2m	3m	4.5m	5m	7.5m
HDMI Type A male / male round cable, white	41 410	41 411	41 412	41 413	41 414	–	–
HDMI Type A male / male flat cable, white	41 160	41 161	41 162	41 163	–	41 164	41 165*
HDMI Type A male / male flat cable, black	41 187	41 188	41 189	41 190	41 191	–	–

CROMO Slim HDMI High Speed Cable with Ethernet

- High Speed HDMI 2.0, CAT2 HEC and ARC compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats
- *starting 3m: active version with chipset (longer connector), 60 Hz

A / A   A / D

HƆMI

	0.3m	0.5m	1m	2m	3m	4.5m
CROMO HDMI Type A male / A male	41 669	41 670	41 671	41 672	41 675*	41 676*
CROMO HDMI Type A male / Micro HDMI Type D male	–	41 680	41 681	41 682	41 678*	41 679*

Basic HDMI High Speed Cable

- HDMI Type A, male / male, round cable
- Budget version, HDMI 2.0 compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats

0.5m	1m	2m	3m	5m
41 394	41 395	41 396	41 397	41 398

Flexible HDMI High Speed Cable

- HDMI Type A, male / male
- High Speed HDMI 2.0 and CAT2 HEC compatible
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats

HƆMI

1m	2m	3m	5m
41 515	41 516	41 517	41 518

HDMI Power Injector

- HDMI Male A / Female A (~15cm), USB A power (~15cm)
- Injects additional 5V power into HDMI
- Supports resolutions up to 4K 60Hz UHD 4096 x 2160
- Supports increased color depth and HDR – Deep Color, 3D formats

41080

HDMI Cable with Ethernet & Connector Lock – Super Long Distance

- HDMI Type A male / male with connector lock, on one connector
- Standard HDMI 2.0 and CAT2 HEC compatible (with Ethernet)
- Full HD 1080p, *4K 30Hz

HƆMI

10m	15m	20m
41 465*	41 466*	41 467

HDMI to DisplayPort or VGA

- DisplayPort: HDMI 2.0 and DisplayPort 1.2 compatible
- VGA: HDMI 2.0 and VGA compatible (no HDCP support)

HDMI male / DisplayPort male   HDMI male / VGA male

	0,5 m	1m	2m	3m	5m
HDMI Type A male / DisplayPort	41 484	41 485	41 486	41 487	41 488
HDMI Type A male / VGA	–	41 455	41 456	41 457	–

High Speed HDMI Active Cable

- HDMI Type A male / male
- Active cable with integrated amplifiers
- Full HD 1080p, 4K 30Hz or 4K 60Hz
- Unidirectional

41052–41055

Source   Monitor

41345 & 41346

Source   Monitor
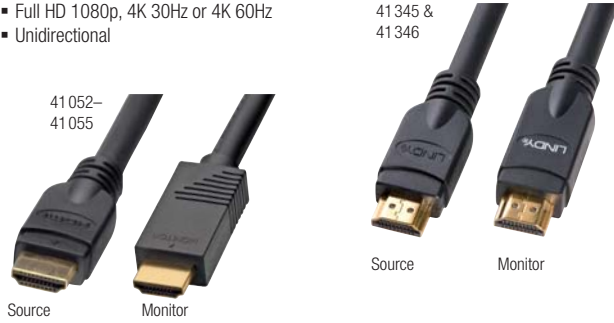
	10m	15m	20m	25m	30m
4K 30Hz	–	41052	41053	41054	41055
4K 60Hz	41345	41346	–	–	–

High Speed HDMI Hybrid Cable 4K

NEW

- High resolution signals over distances of up to 150m without loss of quality
- Length over 50m available upon request
- HDMI Type A metal connector with electronics, not removable

38175–38178
- Powered via HDMI
- Supports HDMI 1.4 up to 4K30 (10.2 Gbit/s)

38275–38278
- Power via HDMI and via USB port on the RX
- Supports HDMI 2.0 / HDCP 2.2 up to 4K60 (4:4:4), 18 Gbit/s

38175-38178

NEW
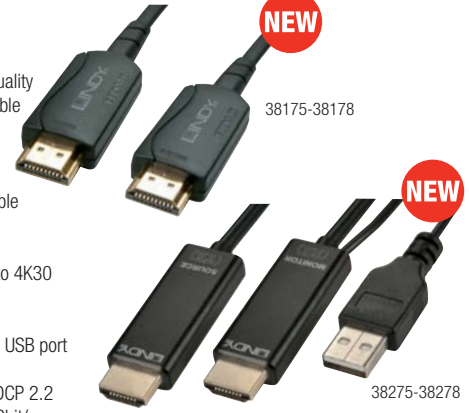
38275-38278

	20m	30m	40m	50m
HDMI 1.4 4K30/4K60 (4:2:0)	38175	38176	38177	38178
HDMI 2.0 4K30/4K60 (4:4:4), 18 GBit/s	38275	38276	38277	38278

CROMO HDMI Adapter

HƆMI™

HDMI Adapter 90° male / female "down"	HDMI Adapter 90° male / female "up"	HDMI Adapter 90° male / female "right"	HDMI Adapter 90° male / female "left"	HDMI Coupler (Type A)	HDMI to Micro HDMI Adapter (A female / D male)
41505	41506	41507	41508	41509	41510

Premium HDMI Adapter

HDMI Coupler	HDMI Port Saver (Type A)	HDMI to Mini HDMI Adapter	HDMI to Mini HDMI Adapter	Mini HDMI to Micro HDMI Adapter	HDMI to Micro HDMI Adapter	HDMI Adapter cable 0.15 m	HDMI NON-CEC Adapter
A female/ A female	A male / A female	A female / C male	A male / C female	C female / D male	D female / A male	D male / A female	A male / A female
41230	41231	41235	41236	41296	41083	41298	41232

HDMI Angled Adapters

HDMI Adapter 90° male / female "down"	HDMI Adapter 90° male / female "up"	HDMI Adapter 90° male / female "right"	HDMI Adapter 90° male / female "left"	HDMI Adapter 360° male / female flexible
41085	41086	**NEW** 41357	**NEW** 41358	41096

HDMI to VGA Adapter, active

38191

LEARN MORE →208

38194

38193

Converts HDMI to VGA for Ultrabooks, etc.
- Active converter with VGA connector
- No scaling between input and output signal
- Supports up to 1080p – (not HDCP)

Standard HDMI Type A to VGA Adapter	38191
Micro HDMI Type D to VGA Adapter	38193
HDMI Type A to VGA Adapter (plug-in adapter)	38194

HDMI to VGA & Audio Adapter, active

38185

38186

LEARN MORE →208

38187

Converts HDMI to VGA. For Ultrabooks etc.
- Short active converter cable with VGA and 3.5mm stereo jack
- No scaling between input and output signal
- Supports up to 1080p – (not HDCP)

HDMI to VGA & Audio converter	38185
Mini HDMI Type C to VGA & Audio converter	38186
Micro HDMI Type D to VGA & Audio converter	38187

Active MHL to HDMI Adapter, active

41561

41570
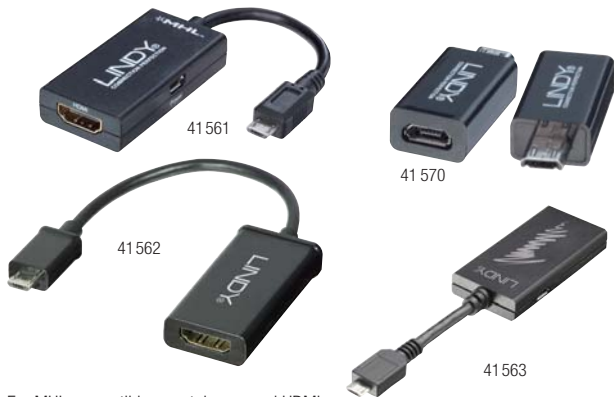
41562

41563

For MHL compatible smartphones and HDMI devices without integrated MHL function

MHL Adapter Micro-B 5 pin to HDMI, active	41561
MHL 2.0 Adapter Micro-B 11 pin, active	41562
MHL 3.0 Adapter Micro-B 11 pin, active	41563
USB Micro-B 5 to 11 pin Adapter	41570

Active Slim Port to HDMI Adapter, 0.15m

- SlimPort/MyDP Connector:
  USB 2.0 Micro-B 5 pin male to HDMI 19 pin Type A female
- Additional USB 2.0 Micro-B female for charging
- Supports resolution up to Full HD 1080p

	41571

MHL Cable, passive

- HDMI Type A male / USB Micro-B male
- For MHL compatible smartphones and HDMI devices with integrated MHL

	0.5m	2m
	41565	41567

GOLD DisplayPort 1.4 Cable

- DisplayPort 1.4 male / male
- Gold plated connector, fully shielded
- Cable made of crystalline almost oxygen-free copper material
- Supports resolutions up to 4K 60Hz (*4K 30Hz), 4096 x 2160 up to 5.4Gbit/s x 4 lanes

25 YEAR GUARANTEE

	0.5m	1m	2m	3m	5m	7.5m	10m	15m	20m
	37800	37801	37802	37803	37804	37805	37806	37807*	37808*

CROMO DisplayPort 1.4 Cable

- DisplayPort 1.4 male / male
- Supports resolutions up to 4K 60Hz, 4096 x 2160 up to 5.4Gbit/s x 4 lanes

0.5m	1m	2m	3m	5m
41530	41531	41532	41533	41534

CROMO Mini DisplayPort 1.4 Cable

- Supports resolutions up to 4K 60Hz, 4096 x 2160 (*up to 2560 x 1600), up to 5.4Gbit/s x 4 lanes

DP / Mini DP   Mini DP / Mini DP
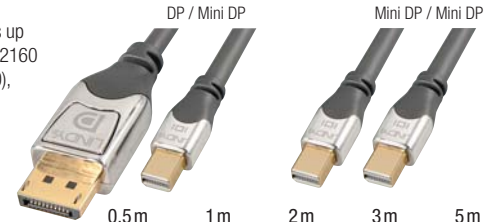
	0.5m	1m	2m	3m	5m
DP / Mini-DP	41550	41551	41552	41553	41554
Mini-DP / Mini-DP	41540	41541	41542	41543*	41544*

Basic DisplayPort 1.4 Cable

- Male / male
- Supports resolutions up to 4K 60Hz, 4096 x 2160 up to 5.4Gbit/s x 4 lanes

0.5m	1m	2m	3m
41990	41991	41992	41993

Super Long Distance DisplayPort Cable

- Supports resolutions up to 4K 60Hz, 4096 x 2160 (*4K 30Hz, **up to 2560 x 1600) up to 5.4Gbit/s x 4 lanes

7.5m	10m	15m	20m
41324	41325	41326*	41327**

DisplayPort 1.4 Cable & Extension Cable

male / male   male / female

- Supports resolutions up to 4K 60Hz, 4096 x 2160 up to 5.4Gbit/s x 4 lanes
- Gold plated connectors

	0.5m	1m	2m	3m	5m
Male / male	41980	41981	41982	41983	41984
Male / female	–	41623	41624	41625	–

Mini DisplayPort / DisplayPort Cable

male / female   Mini DP male / DP male   Mini DP male / DP male

- Supports resolutions up to 4K 60Hz (*4K 30Hz), 4096 x 2160 up to 5.4Gbit/s x 4 lanes

	1m	1.5m	2m	3m	5m
Mini DisplayPort Cable male / female	–	41036	–	–	–
Adapter Cable Mini DP male / DP male, white	41056	–	41057	41058	41059*
Adapter Cable Mini DP male / DP male, black	41645	–	41646	41647	41648*

DisplayPort to HDMI 4K Adapter Cable

NEW **NEW**

36920–
36924

36925–
36929

- Supports resolutions up to 4K@30Hz
- DisplayPort passive
- Electronic converter cable, unidirectional

	0.5m	1m	2m	3m	5m
Mini DisplayPort to HDMI	36920	36921	36922	36923	36924
DisplayPort to HDMI	36925	36926	36927	36928	36929

Mini DisplayPort to DVI-D

NEW **NEW**

- Supports resolutions up to 1920 x 1200
- DisplayPort passive
- Electronic converter cable, unidirectional

	0.5m	1m	2m	3m	5m
white	41955	41956	41957	41958	41959
black	41950	41951	41952	41953	41954

Mini DisplayPort to HDMI 4K30

- Supports resolutions up to 4K230Hz
- DisplayPort active
- Electronic converter cable, unidirectional

	0.5m	1m	2m	3m	5m
	41720	41721	41722	41666	41667

DisplayPort to DVI-D

- Supports resolutions up to 1920 x 1200
- DisplayPort passive
- Electronic converter cable, unidirectional

	0.5m	1m	2m	3m	5m
black	41489	41490	41491	41492	41493

DisplayPort to HDMI

- DisplayPort active
- Electronic converter cable, unidirectional

	0.5m	1m	2m	3m	5m
up to 4K30, black	41715	41716	41717	41703	41704
up to 1080p, black	41479	41480	41481	41482	41483

Thunderbolt Cable

NEW

41710–
41713

41555–
41557

- **TB2:** Male/Male (20pin, Mini-DP)
  - up to 20Gbps bidirectional
- **TB3:** Male/Male (24pin, USB Type-C)
  - up to 40Gbps bidirectional
  - supports USB Power Delivery up to 100W

		0.5m	1m	2m	3m
Thunderbold 2 Cable			41710	41711	41712	41713
Thunderbold 3 Cable	**NEW**	41555	41556	41557	–

10 YEAR GUARANTEE

DVI-D to DisplayPort Converter

- Converts to DP
- Supports DVI-D up to 1920 x 1200
- Electronic converter cable, unidirectional

	38145

HDMI to DisplayPort Converter

38146

38147

- Converts to DP
- Supports HDMI up to 4K (3840 x 2160p30) or DVI up to 1920 x 1200
- Electronic converter cable, unidirectional

Power via HDMI port	38146
Power via USB port	38147

DVI-D to DisplayPort Converter

41995–41999

41975–41979

- For resolutions up to 1920 x 1200
- USB connector for optional power
- Electronic converter cable, unidirectional

	0.5 m	1 m	2 m	3 m	5 m
DVI-D to Mini DisplayPort	41995	41996	41997	41998	41999
DVI-D to DisplayPort	41975	41976	41977	41978	41979

HDMI to DisplayPort Adapter Cable

- Converts HDMI to DP
- Supports HDMI up to 4K (3840 x 2160p30) or DVI up to 1920 x 1200
- Not for 2560 x 1600/1440p
- Electronic converter cable, unidirectional

0.5 m	1 m	2 m	3 m	5 m
41484	41485	41486	41487	41488

Mini DisplayPort to VGA

41960–41962

41968–41969

- For resolutions up to 1920 x 1200 or 1920 x 1080
- Length up to 2 m: chip in VGA plug
- Length up to 3 m: chip in dongle
- Electronic converter cable, unidirectional

	0.5 m	1 m	2 m	3 m	5 m
black	41960	41961	41962	41963	41964
white	41965	41966	41967	41968	41969

DisplayPort to VGA

- For resolutions up to 1920 x 1200 or 1920 x 1080
- Electronic converter cable, unidirectional

	0.5 m	1 m	2 m	3 m	5 m
black	41940	41941	41942	41943	41944

NEW

CABLES & ADAPTERS

➔ details at www.LINDY.com

Mini DisplayPort & DisplayPort Adapter
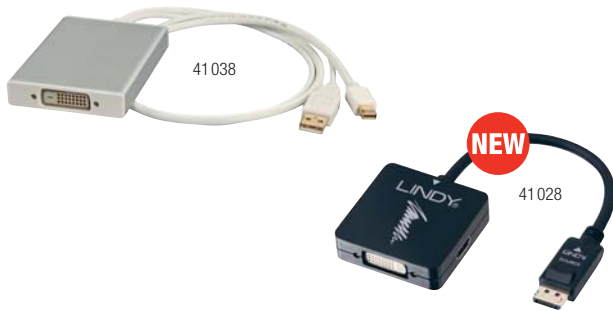
Adapter DP & Mini DP to DVI Dual Link female	41 038
DP male / HDMI female 4K30 / DVI / VGA	NEW 41 028

Mini DisplayPort & DisplayPort 4K Adapter

Mini DP to HDMI 4K30 / DVI / VGA	41 035
Mini DP to DP 4K60 / HDMI 4K30 / DVI	41 039
Mini-DP male/ HDMI female 4K & VGA, active	NEW 41 070

Short DisplayPort Adapter Cable

DisplayPort male / DVI female	41 004
DisplayPort male / HDMI female	41 005
Mini DP male / DVI-D female	41 013
Mini DP male / HDMI female	41 014

Eyefinity/Surround/Collage Adapter Cable, active

Mini DP male / DVI-D female, active	NEW 41 733
Mini DP male / HDMI female, active	NEW 41 069
Mini DP male / VGA female, active	41 015
DisplayPort male / DVI-D female, active	NEW 41 734
DisplayPort male / VGA female, active	41 006

Short DisplayPort Adapter Cable 4K

DP to HDMI 4K, active	NEW 41 069
Mini DP 1.2 to HDMI 4K, active	NEW 41 068
DP 1.2 to HDMI 4K 30Hz, passive	41 718
Mini DP 1.2 to HDMI 4K 30Hz, passive	41 719

Mini DisplayPort / DisplayPort Adapter

DisplayPort Double Coupler	41 020
Mini DP male / DP female	41 022
DP male / Mini DP female	41 060
DP male / Mini DP female	41 089

COMPLETELY SHIELDED

LINDY provides a wide range of high quality KVM cables that are not only compatible with LINDY KVM switches. These cables and connectors are molded and are completely shielded. The monitor signals for the RGB signals are transmitted via coax wires. Our combined KVM cables, PS/2 or USB cable ends are extended 8cm in length to prevent from unintentional pulling of cables out of their sockets.

3 in 1 KVM Cable PS/2 & VGA, male / male

- VGA HD-15 pin & 2 x PS/2 MD-6 pin male / male, 1:1
- For many LINDY KVM switches and similar models with VGA & PS/2 female sockets
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

For:

32920–32921	32925–32927	32361–32364	CPU Switch SMART	32503 & 32504	32520	39520

1m	2m	3m	5m
33711	33712	33713	33714

3 in 1 KVM Extension Cable PS/2 & VGA

- VGA HD-15 pin & 2 x PS/2 MD-6 pin male / female for all connectors, 1:1
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

2m	3m	5m	10m
33732	33733	33734	33736

3 in 1 KVM Cable PS/2 & VGA

For:

32519
32828

- VGA HD-15 pin male / female & 2x PS/2 MD-6 pin male / male
- For KVM switch model Classic 8 and older models LITE and similar
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

1m	2m	3m
33751	33752	33753

3 in 1 KVM System Cable PS/2

- 1x system VGA HD-15 pin to 1x VGA HD-15 & 2x PS/2 MD-6 pin male / male
- System cable, PS/2 signals integrated in the HD15 connectors on KVM side
- For LINDY KVM switch P-series, U-series, KVM LCD terminal series with integrated U-series KVM and similar models
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, PS/2 cable ends ~8cm longer

For:

39532 & 39533	32505, XT & IP Model	32521 & 39521	32530–32531

2m	3m	5m
32506	32507	32508

2 in 1 KVM System Cable USB

- 1x system VGA HD-15 pin to 1 x VGA HD-15 pin &
  1 x USB A male / male
- System cable, USB signals integrated in the HD15 connectors on KVM side.
- For LINDY KVM switch U-series, KVM LCD terminal series with integrated U-series KVM and similar models
- LINDY design, molded and fully shielded
- RGB as coax, DDC2, USB cable ends ~30cm

For:

39 532 & 39 533

32 530–32 531

1 m	2 m	3 m	5 m
33 530	33 531	33 532	33 533

KVM Combo Series

- For LINDY KVM Switches Combo series
- LINDY design, molded and fully shielded
- RGB as coax, DDC2

System cable, USB signals integrated in the VGA connector on KVM side

System cable, PS/2 and USB signals integrated in the VGA connectors on KVM side

For:

39 523 & 39 524

	1 m	2 m	3 m	5 m
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A male / male	33 770	33 771	33 772	33 773
1x System VGA HD-15 pin to 1x VGA HD-15 pin & 1x USB A & 2x PS/2 male / male	–	33 774	–	–

USB – PS/2 Converter

- USB-PS/2 Converter 2x PS/2 female – USB Type A male
- Use this adapter to connect a USB computer (PC, MAC, SUN) via USB ports to a PS/2 KVM switch

2 YEAR GUARANTEE

42 866

MORE KVM SYSTEM CABLES I.E. FOR LINDY CPU SWITCH MULTIMEDIA, SMART, SUN, MAC, PC ETC.

... latest products at LINDY.com

Apple Mac Printer Cable

- 8 pin Mini-DIN cable, male / male
- LINDY design, molded and fully shielded
- Pinout is not 1:1

2 m	5 m
31 531	31 534

SUN & Mac Cable, 8 Pin Mini DIN

31 532 / 31 539

31 533 / 33 051

- 8 pin Mini DIN cable
- LINDY design, molded and fully shielded
- Pinout 1:1

	2 m	5 m
Male / Male, 1:1 connected	31 532	31 539
Male / Female, 1:1 connected	31 533	33 051

Premium Printer Cable EPP/ECP

- LINDY design, molded and fully shielded

	1 m	2 m	3 m	5 m	10 m
Sub-D 25 male / Centronics 36 male	–	31 304	31 306	31 308	31 310

Serial Printer Cable (DTE)

- Sub-D 9 pin female / Sub-D 25 pin male
- Compatible with IBM PC/AT and for printers with RS-232/V24 (DTE) serial interface, i.e. Epson, Oki, Fujitsu, Seikosha, Mikroline, Star, …
- LINDY design, molded and fully shielded

```
1        3 — 3
6 — 20   4   6
8        5   8
2 — 2        7
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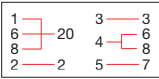
2 m

30 293

Serial Printer Cable (DTE)

- Sub-D 9 pin female / Sub-D 25 pin male
- RS232 DTE cable
- LINDY design, molded and fully shielded

```
1 — 8   5 — 7
2 — 2   6 — 20
3 — 3   7 — 5
4 — 6   8 — 4
```
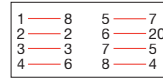
2 m

30 165

PC-AT to Modem 25 Pin RS232 / V24 (DCE)

- Sub-D-9 pin female / Sub-D 25 pin male
- Modem adapter cable
- LINDY design, molded and fully shielded

```
1 — 8   6 — 6
2 — 3   7 — 4
3 — 2   8 — 5
4 — 20  9 — 22
5 — 7
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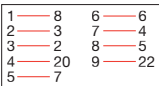
2 m

30 160

Null Modem Cable PC – PC Connection

- Sub-D 9 pin female / female
- LINDY design, molded and fully shielded

```
1        5 — 5
6   7    7   1
8        6
2   3        8
3   2
```
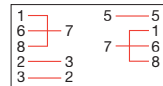
	2 m	3 m	5 m	10 m
	31 573	31 577	31 578	31 579

Serial Cable 1:1, PC – Modem, 9 Pin

- LINDY design, molded, fully shielded

male / female   male / male   female / female
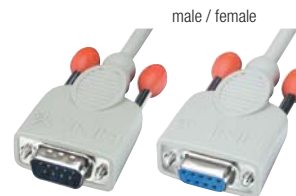
	0.5 m	2 m	3 m	5 m	10 m	20 m
Sub-D 9 pin male / female	31 518	31 519	31 520	31 525	31 522	31 523
Sub-D 9 pin male / male	–	31 510	31 524	31 527	31 526	–
Sub-D 9 pin female / female	–	30 172	–	–	–	–

Serial Connection Cable 1:1, PC – Modem, 25 Pin

- LINDY design, molded, fully shielded

male / male   male / female
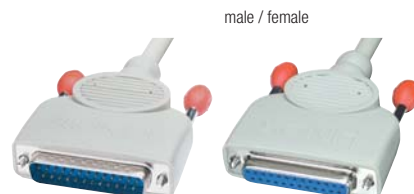
	0.5 m	2 m	3 m	5 m	10 m
Sub-D 25 pin male / male	–	31 354	31 356	–	–
Sub-D 25 pin male / female	31 371	31 374	31 376	31 378	31 380

CABLES & ADAPTERS

Sub-D 9 / 25 Adapter
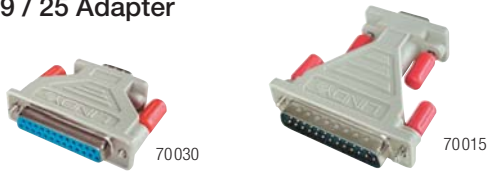
70030

70015

Connector 1	Connector 2	
25 pin D-male with screws	9 pin D-female with screws	70015
25 pin D-female with screws	9 pin D-male with sockets	70030

Serial / Parallel Slot Plate Adapter

33135/36

33072

pin out 33136

Sub-D	IDC	Sub-D	IDC	Sub-D	IDC
1	1	4	7	7	4
2	3	5	9	8	6
3	5	6	2	9	8

Sub-D 9 pin male / IDC (2 x 5), serial 1:1 connected, ~25 cm	33135
Sub-D 9 pin male / IDC (2 x 5), pins connected as shown, ~25 cm	33136
Sub-D 25 pin female / IDC (2 x 13), ~30 cm	33072

Internal SCSI Adapter Narrow Wide

- IDC 50 pin male / HPD 68 pin male
- Without termination, internal

70272

Midi/Joystick Sub-D 15 Cable

- Midi/Joystick cable Sub-D 15 pin male / female
- LINDY design, molded and fully shielded

2m

30215

37 Pin Sub-D Cable

- Sub-D 37 pin cable, male / female
- Molded, shielded

2m

30263

Double Hex Nuts

- Double Hex Nuts, 5 pairs / 10 pcs
- Used to connect the screws of two connectors

62050

Internal SCSI Terminator U2/3W/Ultra320 LVD/SE

- HPD 68 pin female
- Terminator internal
- LVD / Ultra 320

70447

Sub-D 9/15/25/37 – Mini-Adapter / Gender Changers

6 pin Mini-DIN female to 6 pin Mini-DIN female	9 pin Sub-D male to 9 pin Sub-D male	9 pin Sub-D male to 9 pin Sub-D female	9 pin Sub-D female to 9 pin Sub-D female	9 pin Sub-D male to 15 pin HD female
70342	70071	70082	70072	70343

9 pin Sub-D male to 25 pin Sub-D female	25 pin Sub-D male to 25 pin Sub-D male	25 pin Sub-D female to 25 pin Sub-D female	36 pin Centronics male to 36 pin Centronics male
70345	70073	70074	70077

LINDY

10 YEAR GUARANTEE

Internal IDE/ATA Cable

- 3x IDC 40 pin female
- Flat cable
- ATA/133, 80 pin

33156

2.5" HDD Adapter to IDE/ATA

- HDD 2.5" to IDE 40 pin
- For notebook hard drives
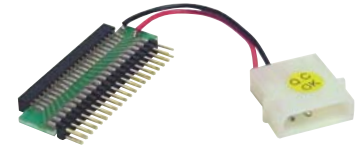
70199

SATA Adapter for IDE Drives

51020

51019

SATA adapter to connect IDE/ATA drives (HDD & ODD) to SATA bus

Premium version, Silicon Image chipset, with cables	51020
Lite version, JMicron Chipset, without cable	51019

IDE Adapter for SATA Drives

Connect SATA drives to the IDE bus, Lite version, JMicron chipset

51025

SATA Adapter for IDE/ATA mainbords

Provides two SATA ports to connect two SATA drives to one mainboard IDE port

51024

SATA Adapter

33502

33500

33503

Micro SATA to SATA adapter

Connects SSDs and 1.8" HDDs with Micro SATA connector to SATA docking stations and enclosures or backplanes with standard SATA 22 way connector

Slim SATA to SATA adapter

Connects optical drives with Slim SATA connector to standard SATA 22 way connector/cable

For micro SATA device	33500
With 3.3V transformer chip	33502

33503

SATA 2.5" Adapter

Frame/Enclosure

mSATA & M.2 to SATA 2.5" Adapter Enclosure

- Height: 9.5mm
- Suitable for mSATA or M.2 SSDs
- Can also be used with adapter 43119 as external enclosure

20939

IDE/SATA 2.5" Adapter/Enclosure

NEW

mSATA to IDE/SATA 2.5" Adapter

- Adapter frame with 2.5" IDE/SATA HDD format
- Can also be used without a frame, mSATA to SATA

mSATA to SATA 2.5" Adapter Enclosure

- 7mm height, suitable for Ultrabooks
- As external enclosure when used with adapter 43119

Micro SATA to SATA 2.5" Enclosure

- Use micro SATA SSDs or 1.8" HDDs on notebooks or docking stations (also without 3.3V) via standard SATA connector
- Height: 9.5mm

m.2 NGFF to SATA Adapter with 2.5" Adapter frame

- Adapter for m.2 NGFF (Next Generation Form Factor)
- Install SSDs into a 2.5" SATA frame
- 7mm height, suitable for Ultrabooks

Dual M.2 SSD RAID SATA 2.5" Enclosure

- For installing two M.2 SSDs in a 2.5" bay
- Supports RAID 0, RAID 1, Spanning or JBOD
- JBOD mode when used with a SATA controller with port multiplier

SATA 7 mm	20959			
SATA 9.5 mm	20972			
IDE 7 mm	20937			
	20933	20932	20934	20941

CABLES & ADAPTERS

Mini-SAS Adapter SFF-8087 (internal) to SFF-8088 (external)

- Connectors: – 36 pin internal 4-channel Mini-SAS SFF-8087 connector (internal)
    – 26 pin external 4-channel Mini-SAS SFF-8088 connector (external)
- Sideband connections are not available on the external SFF-8088 connector

Mini-SAS slot plate adapter host	Mini-SAS slot plate adapter host	Mini-SAS slot plate adapter host	Mini-SAS housing adapter
- 1x SFF-8087 (internal) to 1x SFF-8088 (external) - 2 slot plates: standard & low profile	- 2x SFF-8087 (internal) to 2x SFF-8088 (external) - 2 slot plates: standard & low profile	- 4x SFF-8087 (internal) to 4x SFF-8088 (external)	- 1x SFF-8087 (internal) to 1x SFF-8088 (external)
21 940	21 941	21 942	21 943

eSATAp Slot Plate 5 & 12V

- Provides 5V & 12V enabled Power eSATAp/USB 2.0 combo connection

eSATAp slot plate adapter 5 & 12V, 2 slot plates: standard & low	70 534

eSATA/SATA Slot Plate Adapter

- Internal SATA 7 pin latch type male to eSATA female slot plate.

The total cable length from internal SATA connectors, including internal + external cable must not exceed 1m!

33 234

10 YEAR GUARANTEE

1x eSATA/SATA slot plate adapter classic, ~25 cm	33 234
1x eSATA/SATA slot plate adapter low profile, latch type, ~25 cm	33 237

USB Mainboard Adapter

33 472

33 459

back side

- Adapts the USB pin header connector on the mainboard to two USB type A connectors.

USB 2.0 mainboard adapter IDC 2x5	33 459
USB 3.0 mainboard adapter IDC 2x10	33 472

SATA & SAS – STORAGE CONNECTION TECHNOLOGY

SATA – Serial-ATA: May 2009, the SATA 3.0 specification was introduced with a data transfer rate of up to 6Gbit/s with existing cables. **SATA and SAS**: SATA HDDs can be used in SAS systems as lower cost alternatives. But SAS HDDs can't be used on SATA controllers/ports. They don't support the SATA protocol. **SATA Port Multiplier**: provide the option to connect up to 5 drives to one SATA port. The host controller must support the port multiplier feature! **SAS – Serial Attached SCSI**: SAS now has replaced the old parallel SCSI. SAS is based on the SCSI architecture, it uses high speed connections based on SATA technology for high performance, reliability and sca- lability. SAS connections are based on the SATA protocol but introduce further features. SAS defines a dual data channel connection for enhanced performance and optional connectivity to two different host systems. SAS HDDs require dual channel SAS SFF-8482 connectors and can't be used with standard SATA 22 pin connectors.

Internal SATA & SAS Cable
SATA 1.5Gb/s, 3Gb/s, 6Gb/s and SAS

33369-33371   33441-33444

	0.2 m	0.5 m	0.7 m
SATA 7 pin male / male	33369	33370	33371
SATA 7 pin male / male (1x angled)	33441	33443	33444

- Very short connector version
  (alternative to angled version)
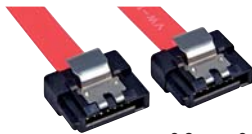
	0.2 m	0.5 m
7 pin latch male / male	33559	33560

	0.2 m	0.5 m	0.7 m	1.0 m
SATA 7 pin latch male / male	33449	33450	33451	33452
SATA 7 pin latch male / male (1x angled)	33454	33456	33457	33458

Internal SATA Combo Cable with power

- SATA HDD combo 22 pin connector
  to SATA 7 pin male & 5.25"
  power connector (male)
- Not for SAS drives

	0.3 m	0.5 m	1.0 m
With 4 pin molex power connector	33364	33365	33367
With SATA power connector	33383	33384	–

- Slim SATA 7+6 (Slimline DVD) to
  7 pin SATA + power 5.25"

	0.3 m	0.5 m	1.0 m
	33607	33608	33609

SATA Splitter Cable
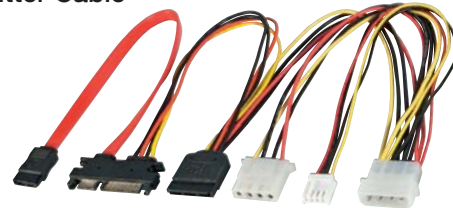
SATA Extension Cable with SATA 22 pin HDD type
connector to SATA 7 pin Male + various power connectors
- Also for use in SATA docking stations when IDE HDDs must be
  connected via SATA/IDE adapter

0,3 m
33440

INTERNAL SATA, SAS, SLIM SATA AND MICRO SATA CONNECTORS

Besides the standard 7 pin SATA data connectors, standard combo 22 pin SATA data & power connectors are also commonly used. There are 4 different types: 22 pin standard SATA combo connector (SFF-8482) – for most SATA 2.5"/3.5"/5.25" devices 29 pin standard SAS combo connector 2 channel (SFF-8482, often named SFF-8482-x2 or -2i) – Standard SATA combo connector 22 pin does not fit to SAS devices! 13pin Slim SATA combo connector – for many slimline optical DVD/CD/BD drives 16 pin Micro SATA combo connector – for 1.8" SATA HDDs and SSDs (Micro is wider than Slim SATA connector)

22 pin standard
SATA combo connector SFF-8482

29 pin SAS combo connector SFF-8482
2 channel

13 pin Slim
SATA combo connectorr

16 pin
Micro SATA combo connector

Internal SATA/SAS Multilane 4 Port Cable

- Mini-SAS 36 pin SFF-8087, male / male
- With sideband function

	1 m
	33 496

External eSATA & Adapter Cable

- 2x eSATA male / male shielded

0.5 m	1.0 m	2.0 m
33 479	33 480	33 481

- 2x Mini-SAS 36 pin SFF-8087 male to 2x Mini-SAS 36 pin SFF-8087 male
- Internal dual 4i Mini-SAS cable SFF-8087
- 2x male with sideband function

	1 m
	33 498

External SAS/SATA Multilane Cable

- SFF-8470 with screws male to SFF-8088 male

	1 m
	33 631

External eSATAp / USB Splitter Cable

- Power-eSATAp 5V combo connector to eSATA male & USB A female

	1 m
	33 685

Power-eSATAp 5V/12V Hard Drive Cable

- Power-eSATAp to 22 pin SATA HDD connector
- Connect HDDs/SSDs/ODDs to eSATAp ports
- 5 & 12 V only available on 5 & 12V eSATAp ports!

1.0 m	2.0 m
33 626	33 627

eSATA & eSATAp CONNECTORS

eSATA connectors are not compatible with the first externally used internal SATA connectors. In addition, eSATA ports feature an enhanced electric robustness and cable lengths up to 2m, compared to the usual 1m. In 2008, Power-Over-eSATA (eSATAp) ports and cables came into the market, a combined eSATA and USB 2.0 port. It can be used either as an USB 2.0 port, an eSATA port or a combined Power-Over-eSATA port providing the 5V power from the USB section.

eSATAp 5V & 12V enabled eSATAp port has been introduced to support also 12V, i.e. for 3.5" HDDs. Power over eSATA (eSATAp) is found in many laptops (DELL, Asus, etc.) but is not officially standardized. eSATAp combines eSATA and USB port. The 5V power supply from the USB port can be used when using eSATAp connectors. An extension is the eSATAp 5 & 12V connection. This has 12V contacts on the side and is fully compatible, 12V is only sent via the corresponding connectors and cables.

External eSATA connector

Power-over-eSATA connector

eSATA

eSATAp

eSATAp 5 & 12V

Power Cable for PCIe ATX

from	1x PCIe 6 pin female	1x PCIe 6 pin male	1x ATX 8 pin male
to	1x PCIe 8 pin male	1x PCIe 6 pin female	2x 5.25" female
length	~15 cm	~ 20 cm	~ 15 cm
	33858	33861	33862

SATA Power Cables & Adapters

from	1x 5.25" male	1x 5.25" male	1x SATA 15 pin male	1x 5.25" male
to	1x SATA 15 pin female	2x SATA 15 pin female	1x 5.25" female	1x SATA 15 pin female 90°
length	~ 15 cm	~ 15 cm	Adapter	~ 15 cm
	33298	33299	70390	33615

from	1x 5.25" male	2 x SATA 15 pin male	2x SATA 15 pin male
to	2x SATA 15 pin female 90°	1 PCIe 6 pin male	1 PCIe 8 pin male
length	~ 15 cm	~ 15 cm	~ 15 cm
	33616	33859	33860

from	1x SATA 15 pin male	1x SATA 15 pin male	1 x 5.25" male
to	3x SATA 15 pin female	2x 5.25" female	1x SATA female/1 x 5.25" female
length	~ 15 cm	~ 15 cm	~ 15 cm
	33278	33288	33289

Mainboard Power Cable

from	ATX, 20 pin male	+12V ext. cable, 4 pin male	+12V ext. cable, 8 pin male
to	female	female	female EPS/eATX/BTX
length	~ 40 cm	~ 30 cm	~ 40 cm
	33143	33130	33163

Internal Power Cable
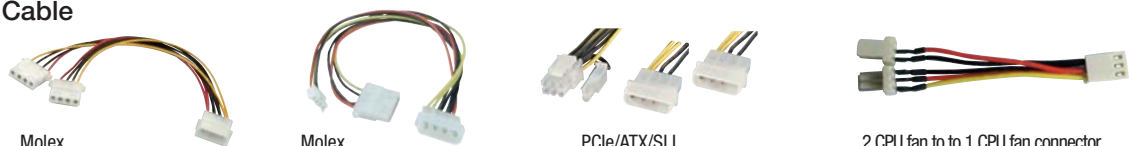
for...	Molex	Molex	PCIe/ATX/SLI	2 CPU fan to to 1 CPU fan connector
from	1x 5.25" male	1x 5.25" male	2x 5.25" male	1x IDC3 male / 1 x IDC2 male
to	2x 5.25" female	1x 3.5" female+1 x 5.25" female	6 + 2 pin male PCIe-/ATX-SLI	IDC3 female
length	~ 25 cm	~ 25 cm	~ 40 cm	~ 6 cm
	33126	33127	33159	33149

GOLD

HIGH QUALITY CONNECTIONS FOR HOME CINEMA, HOME THEATER, HIFI AND AUDIO-VIDEO

Advanced audio and video cables designed to provide superb clarity, definition and detail even over very long distances. Manufactured using highest quality pure crystal oxygen free copper conductors aluminium mylar foil wrap and low attenuation cable for the most consistent reliable performance.
Gold plated connectors for excellent signal transfer and the highest resistance to tarnishing and corrosion.

OFC Copper Braid Shielding
Aluminium Mylar Foil
PC-OFC High Quality Conductor
Gold Plated Connectors
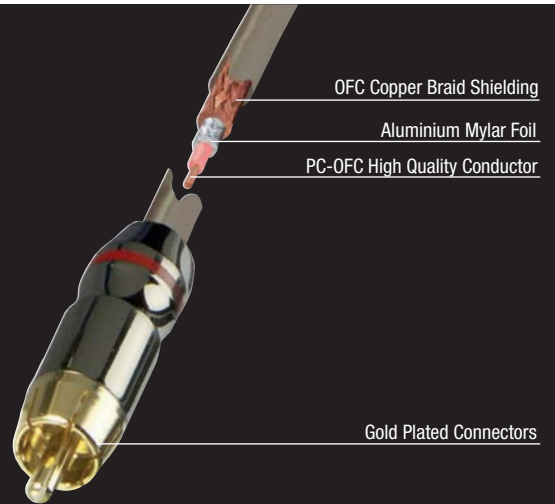
GOLD Composite Video and Coaxial Digital SPDIF Cable

- COAX cable for high quality HiFi and home cinema connection
- Gold plated connector for excellent signal transfer
- Shielded coaxial cable, 75 Ohms
- Pure Crystal, almost oxygen-free copper (PC-OFC Copper), 2x AWG26 / 0.13 mm²

25 YEAR GUARANTEE

	0.5 m	1 m	2 m	3 m	5 m	10 m	15 m	20 m
1x RCA Cinch male/male, (audio/video)	37895	37896	37897	37898	37899	37900	37901	37902

GOLD TosLink Cable

- Optical SPDIF cable for high quality HiFi and home cinema connection
- TosLink metal connector with precise bronze ferrule and protective fiber cap
- Gold plated connector
- Triple jacket highly protected cable with 1mm PMMA plastic fiber

25 YEAR GUARANTEE

	0.5 m	1 m	2 m	3 m	5 m	10 m	15 m	20 m	30 m	40 m	50 m
Male/Male	37880	37881	37882	37883	37884	37886	37887	37888	37889	37890	37891

Premium TosLink / Mini-Optical Cable

- Plastic connector with metal ferrule, protective cap for the fiber
- Double jacket cable

	1 m	2 m	5 m
	35221	35222	35224

TosLink Cable

- TosLink plastic connector with metal ferrule, protective cap for the fiber
- Single jacket cable ferrule

10 YEAR GUARANTEE

	0.5 m	1 m	2 m	5 m	10 m	20 m
	35210	35211	35212	35214	35215	35217

Optical Adapters & Couplers

TosLink female / Mini-optical male	Mini-optical female / TosLink male	TosLink female / female	TosLink male / couplers, 90° angled adapter	Mini-optical female / female
70412	70413	70414	70421	70415

LINDY

CROMO Audio Cable

- Gold plated
- Flexible stereo cable, double shielded
- TPE, PVC free, halogen free
- AWG28, cable diameter 3.0 mmm

male / male   male / female
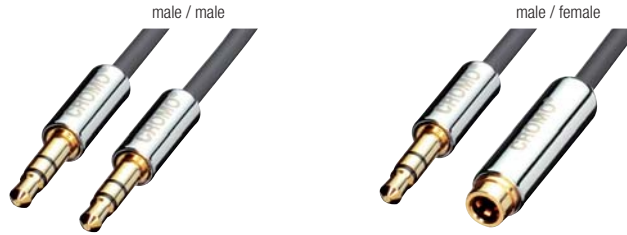
	0.5 m	1 m	2 m	3 m	5 m	10 m
3.5 mm stereo jack male / male	35300	35301	35302	35303	35304	35306
3.5 mm stereo jack male / female	–	35291	35292	35293	35294	35296

Premium Audio Cable

- Stereo twin cable
- Conductors individually shielded
- Cable diameter
  2x AWG28, 2x 0.08 mm²

3.5 mm male-male   3.5 mm male-female   2x RCA Cinch male   2x RCA Cinch female   3.5 mm jack male/ 2 x RCA cinch male

	0.25 m	1 m	2 m	3 m	5 m	10 m	20 m
3.5 mm stereo jack male / male	35640	35641	35642	35643	35644	35646	35648
3.5 mm stereo jack male / female	–	–	35652	35653	35654	35656	–
2 x RCA cinch male / 2 x RCA cinch male, gold plated	–	35660	35661	35662	35663	35664	35666
2 x RCA cinch male / 2 x RCA cinch female, gold plated	–	–	35671	–	35673	35674	–
3.5 mm stereo jack male / 2 x RCA cinch male, gold plated	–	35680	35681	35682	35683	35685	35687

Premium Audio Adapter Cable 20 cm

35698   35699

~ 20 cm

2.5 mm stereo jack male / 3.5 mm female	35698
3.5 mm stereo jack male / 2.5 mm female	35699

Premium Audio Adapter Cable 25 cm

35677   35678

~ 25 cm

3.5 mm stereo jack female / 2 x RCA male	35677
3.5 mm stereo jack male / 2 x RCA female	35678

Premium Audio Adapter

3.5 mm female to 6.3mm stereo jack male	3.5 mm stereo jack male to 6.3 mm female	2 x RCA female to 6.3 mm stereo jack male	2 x RCA female to 3.5 mm stereo jack male	3.5 mm stereo jack to 2 x 3.5 mm female	3.5 mm stereo jack to 2 x 3.5 mm female, 6 cm	3.5 mm female to 2.5 mm stereo jack male	3.5 mm female to 2 x jack male mono
35620	35621	35512	35624	35625	35627	35622	35626

Premium Audio & Video Cable

- 3x Cinch (RCA) male / male, gold plated
- 1x composite (RCA) thick coaxial shielded cable 75 Ohms,
  + 2x audio twin coaxial
- Individually shielded
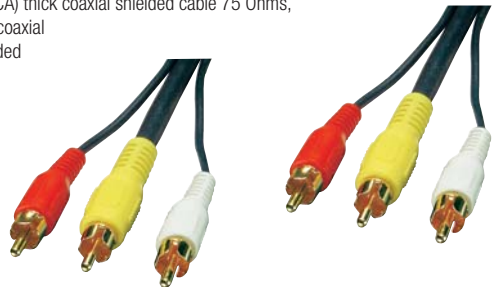
	1 m	2 m	3 m	5 m	10 m	20 m
	35690	35691	35692	35693	35695	35697

Audio & Video Adapters

3 x RCA female / 1 x RCA male (Video) + 1x 3.5 mm male (stereo)	35538
3 x RCA female / 1 x 3.5 mm (4-segment) male	35539

Headset Adapter Cable

- Adapts 3.5mm 4 Segment to 2x standard 3.5mm connectors
- Attention: 2 electrically different versions:
  Version i*: iPhone, iPad, iPod, HTC, Lenovo Notebook, ...
  Version St.*: PC, Notebook, Samsung, Nokia, ...

i* Smartphone adapter 4 segment male / 2x 3.5mm female, white	i* Headset adapter 4 segment female / 2x 3.5mm male, white	St.*Smartphone adapter 4 segment male / 2x 3.5 female, black	St.*Headset adapter 4 segment female / 2x 3.5 male, black
35523	35518	35509	35508

GOLD SVHS/S-Video or RCA/Cinch Couplers

25 YEAR GUARANTEE

RCA / cinch coupler gold (1 pc.)	37574
S-VHS / S-Video coupler gold (1 pc.)	37576

Premium RCA/Cinch - BNC Adapter

3x Premium RCA/Cinch male - BNC female adapter	35536
3x Premium RCA/Cinch female - BNC male adapter	35537

SCART Adapter

front & back

- With switch to select between: input or output
- S-VHS/S-Video & CV (3x RCA)

35 628

SCART Switch & Splitter

35 596

BNC/SDI Video Cables 75 Ohms

- BNC male / male
- Black coaxial cable, 75 Ohms or video signals
- Other lengths available on request

3 m	5 m	10 m	15 m
35 524	35 525	35 526	35 527

USB Charge & Sync Cable for iPad etc.

Sync

Charge

- Allows data synchronization and charging via USB ports
- Slide switch for switching between sync and charge
- Simply use with the original cable
- Length: ~1.2 m

73 335

Premium S-VHS / S-Video Cables

- 1x S-VHS Mini-DIN 4 pin male / male, gold plated
- Shielded

2 m	5 m	10 m	20 m
35 630	35 631	35 632	35 633

Composite AV Cable for iPhone & iPod

- Movies, pictures and music can be played with this cable to your home theater, televisions, etc..
- Works on any TV, home theater receiver, or stereo receiver with composite Video/Audio connectors.
- Additional USB connector for charging and data synchronization.
- Compatible with iPhone/iPod Touch/iPod Classic/iPod Nano.

73 349

CABLE MANAGEMENT AND OTHER CABLE MANAGEMENT SYSTEMS ON PAGE 149
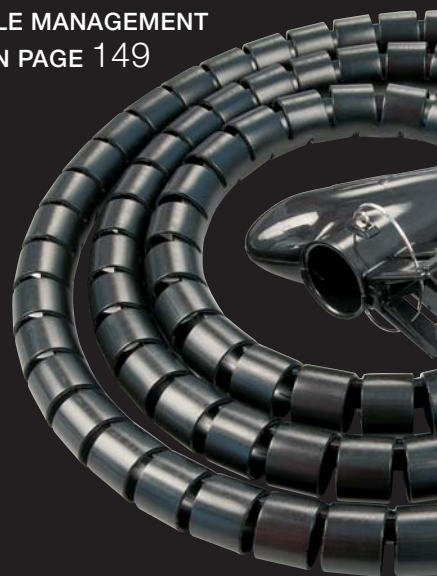
... latest products at LINDY.com

CABLES & ADAPTERS

POWER ACCESSORIES HIGH VOLTAGE

PC Power Supply

	Basic	Basic	Basic	Basic
Output / PFC	500W / passive	550W / active	650W / active	750W / active
80+ Efficiency	no	yes	yes	yes
Connectors SATA / Molex / Floppy	3 / 2 / 1	4 / 4 / 1	4 / 4 / 1	6 / 6 / 2
Connectors CPU / SLI/PCIe	4+4p / –	4+4p / 6p	4+4p / 6+2p	4+4p / 6p & 6+2p
Fan, automatic	12cm	12cm	12cm	13.5cm
Noise Level	19–25dB	18–21dB	18–21dB	18–21dB
	73263	73267	73269	73268

PC Power Supply

	Coba CS 450	Coba CS 550	Standard	Standard
Output / PFC	450W / active	550W / active	420W / active	520W / active
80+ Efficiency	yes	yes	yes	yes
Connectors SATA / Molex / Floppy	4 / 3 / 1	4 / 3 / 1	3 / 2 / 1	4 / 4 / 1
Connectors CPU / SLI/PCIe	4+4p / 6+2p	4+4p / 6+2p	4+4p / –	4+4p / 6+2p
Fan, automatic	13.5cm	13.5cm	12cm	12cm
Noise Level, max.	19–22dB	19–22dB	19–21dB	19–21dB
	73272	73273	73250	73251

ATX Power Supply Tester with LCD Display

Easily test your ATX power supply

- LED indicators and audible alarms provide instant results
- Connectors: 20/24 pin ATX Plug, Molex, SATA power,
       4/8 pin CPU, 6 pin PCIe

43058

POWER & ADAPTER CABLE

... latest products at LINDY.com

LINDY

10 Tablet Charging/Sync Station

- Securely charge up to 10 tablets simultaneously
- Sync up to 10 iPads while they are charging
- Daisy chain up to 3 stations to to sync up to 30 iPads
- Slide-in lockable door

73 397

10 Port USB Charging Station
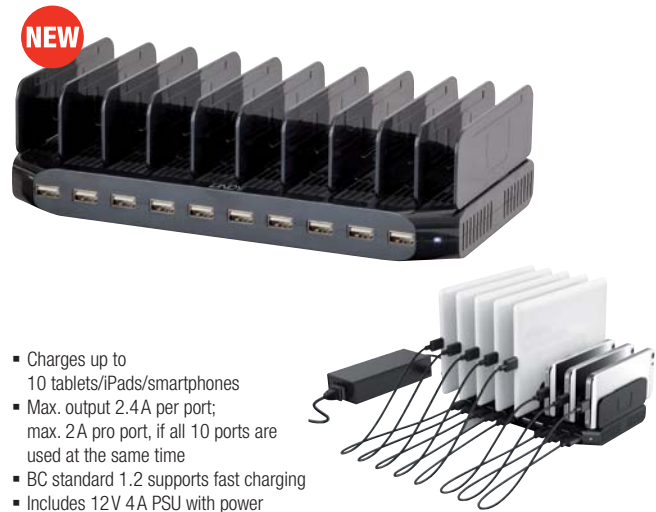
NEW

- Charges up to
  10 tablets/iPads/smartphones
- Max. output 2.4 A per port;
  max. 2 A pro port, if all 10 ports are
  used at the same time
- BC standard 1.2 supports fast charging
- Includes 12 V 4 A PSU with power
  cables for EU/US/UK/AUS & China

73 309

Qi Inductive Wireless Charging

73 324

LEARN MORE → 176

- Wireless charging of your smartphone or tablet with Qi specification*
- Maximum output power: 5 V DC, 1 A

  * Standard for wireless power transmission using electromagnetic induction

If your smartphone/tablet is not Qi-compliant, you can use one of our Qi-compliant wireless charging adapters (73 325, 73 361 or 73 387–73 389)
New models online!

73 386   73 387   73 361   73 388   73 389   73 325

Qi Wireless Charging Pad (round) with USB A/Micro-B cable	73 324
Samsung Galaxy S3 Adapter	73 386
Samsung Galaxy S4 Adapter	73 387
Samsung Galaxy S5 Adapter	73 361
Samsung Galaxy Note 2 Adapter	73 388
Samsung Galaxy Note 3 Adapter	73 389
Samsung Galaxy Note 4 Adapter	73 325

USB DC Power Cable

- Power from a USB port
- Length: ~1.5 m

USB A

70 264   70 265   70 266

70 269   70 268   70 267
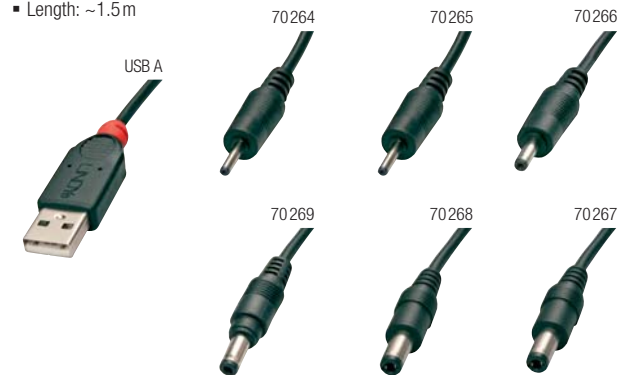
USB A to 2.35 / 0.7 mm DC plug	70 264
USB A to 2.5 / 0.7 mm DC plug	70 265
USB A to 3.5 / 1.35 mm DC plug	70 266
USB A to 4.8 / 1.7 mm DC plug	70 269
USB A to 5.5 / 2.1 mm DC plug	70 268
USB A to 5.5 / 2.5 mm DC plug	70 267

MORE ACCESSORIES FOR
MOBILE DEVICES

... latest products at LINDY.com

POWER ACCESSORIES

Universal Notebook Adapter 90 Watt

NEW

- For office, and home use as replacement or secondary power adapter
- Primary (input): 100-240V AC, 1.5A, 50/60Hz
- List of supported notebooks, see LINDY.com

71305

Notebook Surge Protector C7/8 or C5/6 with USB charger

- For notebooks with connectors for IEC320-C7/8 ("Figure 8")
- Input: 100 - 240V AC 50/60Hz, 6.3A max.
- USB charging via 2 USB A female: 5V DC ~1A max.
- LED display for surge protector and USB power

C7/8 with USB charger   73310

USB Power Supply - Fast Charging

NEW   73107

73355

NEW   73313

- 1, 2 or 4 fast charging power ports for mobile phones, iPhones/iPods/iPads, audio equipment, etc. – for worldwide use
- **73355:** 100–240V AC/5V DC, ~2.1A max.
- **73313:** 100–240V AC/5V DC, 3 ports ~1.8A max., 1 port QC 3.0
- Includes 4 different plug adapters for Euro, UK, USA, China/Australia

USB Power Supply, Quick Charge 2.0, 1 port **NEW**	73107
USB Power Supply, max. 5V/2.1A, 2 port	73355
USB Power Supply, Quick Charge 3.0, 4 port **NEW**	73313

USB Micro-B Power Supply

- For charging smartphones or tablets with USB Micro-B connector
- Input: 100 - 240V AC, Euro plug
- Output: 5V DC 2A

70225

LINDY

Multi Country Switching Power Supply

NEW

73 848

73 800

- High energy efficiency, input: 100-240V AC, 50-60Hz
- 4 different power socket adapters, easily interchangeable: Europe, UK, Hong Kong, Singapore, USA, Canada, Taiwan, Japan, China, Australia, New Zealand
- Cable length: ~ 1.4 m

			Level VI	Level V
5V DC ~3A	DC plug 4.8 / 1.7 mm	NEW	73848	
5V DC ~3A	DC plug 3.5 / 1.35 mm	NEW	73824	
5V DC ~3A	DC plug 5.5 / 2.5 mm		73813	73812
9V DC ~0.5A	DC plug 5.5 / 2.5 mm			73800
9V DC ~2A	DC plug 5.5 / 2.1 mm	NEW	73849	
12V DC ~1.25A	DC plug 5.5 / 2.5 mm		73807	73805
12V DC ~1.25A	DC plug 5.5 / 2.1 mm		73832	73830
12V DC ~3A	DC plug 5.5 / 2.1 mm	NEW	73806	
24V DC ~1.25A	DC plug 5.5 / 2.1 mm	NEW	73825	

Travel Adapter with USB Power Supply

- Features different country plug types that slide out of the unit and lock into place (Europe, UK, USA and Australia)
- With two adapter caps which support either mains plugs or USB devices

73 111

WE OFFER POWER SUPPLIES WITH OTHER VOLTAGES, POWER AND CONNECTOR PLUGS UPON REQUEST:

LINDY TECH SERVICES
+44 1642 754 020

Euro Power Supply 5V DC, USB etc.

- Switching power supply
  Input: 100 - 240V AC
  Output: 5V DC regulated ~2A
- Cable length 1.5 m
- Mini type DC plug: Ø outer/in: 3.5/1.35 mm

70 227

IEC Power Supply 5V DC High Power

73 819

NEW

- Switching 100–240V AC
- Power cord not included
- Output: DC plug 5.5 / 2.5 mm
  73818: 5V DC, ~ 4A (20W)
  39368: 5V DC, ~ 6A (30W)

39 368

5V DC, ~4A 5.5/2.5mm	NEW	73819
5V DC, ~6A 5.5/2.5mm		39368

Euro/Schuko to UK Adapter Plug

73 094

73 096

- Adapter converts CEE7 (XVI) Euro plug to standard UK 3 pin plug
- Internal 5A fuse
- Lid is simply screwed closed, making a secure permanent connection for the plug

Euro to UK Adapter Plug	73094
Earthed Schuko Plug Converter	73096

Schuko to Swiss Plug Adapter

- Only available at LINDY CH

73 050

DC Adapter Cable

70 262

This adapter allows you to connect power supplies with large 5V plugs into almost all USB hubs, card readers and other devices that need the small 5V connector and vice versa.

70 263

DC Adapter Cable - 5.5 / 2.5mm F / 3.5 / 1.35mm M	70262
DC Adapter Cable - 3.5 / 1.35mm F / 5.5 / 2.5mm M	70263

POWER ACCESSORIES

IEC-C13 to...

	IEC-C14 WORLD	DE | FR | IT	IT	CH	UK	US
0.7 m	–	30334	30411	30425	–	–
2 m	30331	30335	30413	30417	30142	30338
3 m	30332	30336	30414	30418	30434	–
5 m	30333	30337	30415	30419	30435	–

with locking IEC C13 socket

	DE | FR | IT
2 m	30134
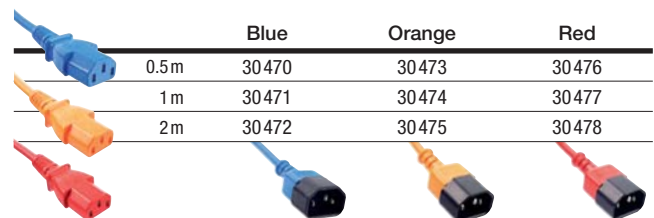
IEC C13 Right Angled Socket to...

	DE | FR | IT	IT
2 m	30345	30346
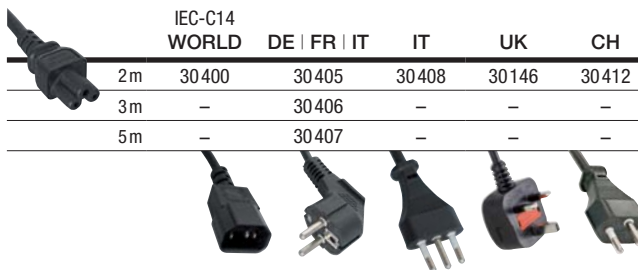
IEC-C13 to IEC-C14 World

	Blue	Orange	Red
0.5 m	30470	30473	30476
1 m	30471	30474	30477
2 m	30472	30475	30478
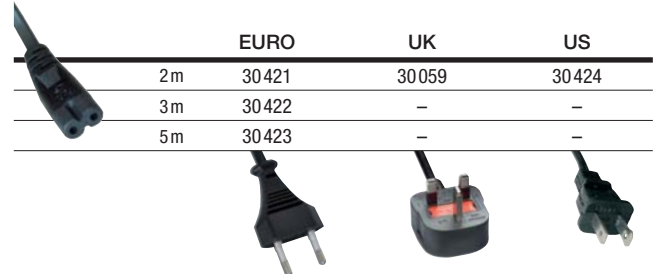
IEC C5 "Cloverleaf" Socket to...

	IEC-C14 WORLD	DE | FR | IT	IT	UK	CH
2 m	30400	30405	30408	30146	30412
3 m	–	30406	–	–	–
5 m	–	30407	–	–	–
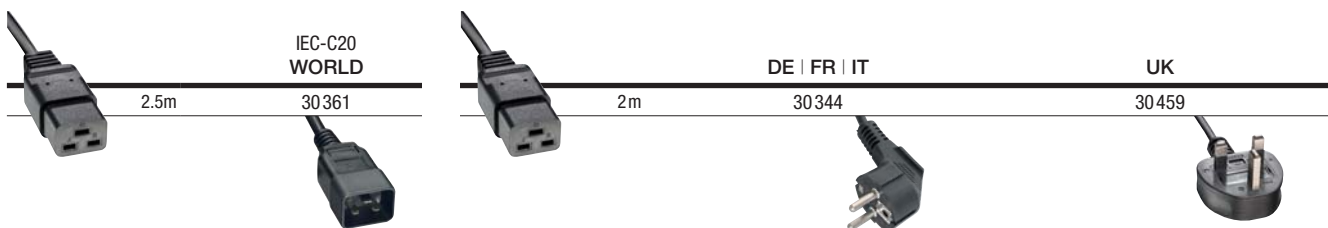
IEC C7 Connector Socket (Fig. 8) to...

	EURO	UK	US
2 m	30421	30059	30424
3 m	30422	–	–
5 m	30423	–	–

IEC C19 (16A) to...

	IEC-C20 WORLD
2.5 m	30361

	DE | FR | IT	UK
2 m	30344	30459
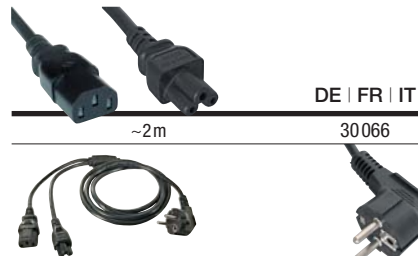
IEC Mains Power Y-Cable to....

	IEC-C14 WORLD	DE | FR | IT
~2 m	30039	30049

Y Power Cable with 1x IEC-C13 & 1x IEC-C5 to....

	DE | FR | IT
~2 m	30066

Schuko Extension Cable

	DE | IT
3 m	30244
5 m	30245
10 m	30246

PowerCube Power Strip
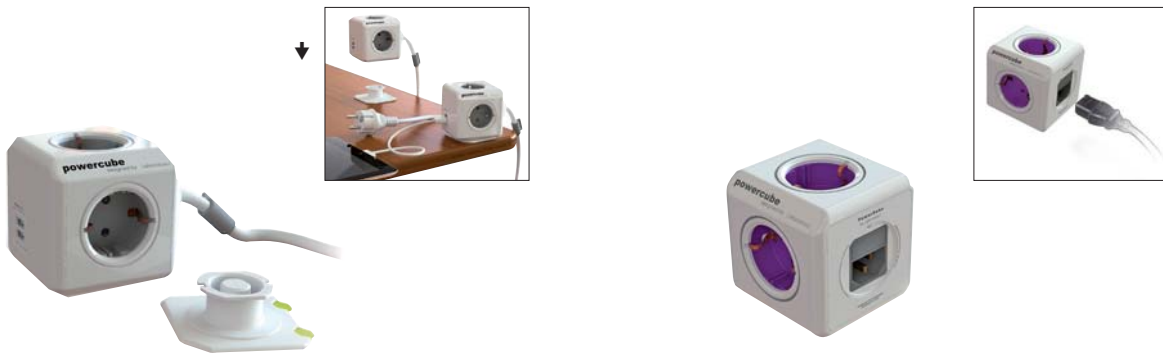
PowerCube Extender with 2 USB, 3m

- 4 schuko sockets and 2 USB charging ports
- Cube shape allows free access to all sockets - even with large power supplies
- 3m cable length
- Modular design
- Includes docking system for mounting

73220

PowerCube with 2 USB ports, IEC connector

- 4 schuko sockets and 2 USB charging ports
- Connect via IEC power cable IEC-C13 (not included)
- Worldwide use when using an IEC mains cable with typical power connector
- Modular design

73222

Docking system for PowerCube (3 pcs)

- 3 docking stations with 2 self-adhesive tapes
- Incl. 2 self-adhesive strips for each PowerCube docking system

73226

4 way Cable Box CH

- Rotating cable box with 4 sockets
- Connection cable with Swiss plugs, 4m

73183

POWER ACCESSORIES

Power Strips Schuko DE | IT
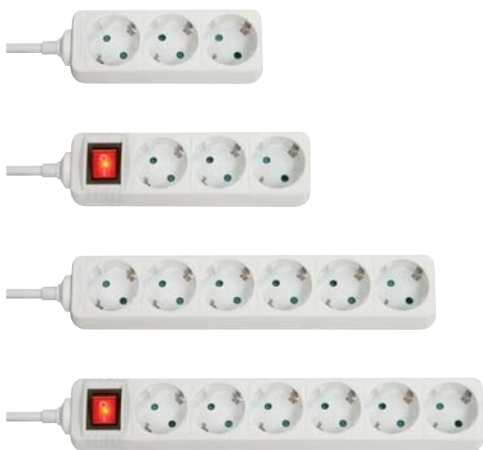
- Sockets rotated 45°
- Cable length about 1.4 m
- With child safety lock

3 way, Schuko DE, IT	73100
3 way, Schuko DE, IT, on/off switch	73101
6 way, Schuko DE, IT	73102
6 way, Schuko DE, IT, on/off switch	73103

Power Strips Schuko DE | IT

- Sockets rotated 45°
- Cable length about 1.4 m
- With child safety lock

8 way, Schuko DE, IT, on/off switch	73104

Power Strips IT

- Universal sockets for Italian and Schuko plugs, 45°
- With on/off switch
- 1.5m cable

7 way IT	73195
7 way IT, surge protection filter	73196

Power Strips FR
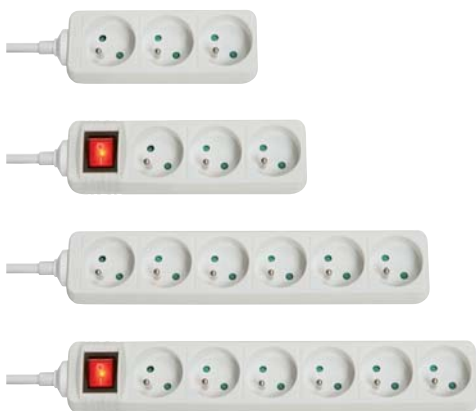
- Sockets rotated 45°
- Cable length about 1.4 m
- With child safety lock

3 way FR	73120
3 way FR with on/off switch	73124
6 way FR	73125
6 way FR with on/off switch	73126

Power Strips CH
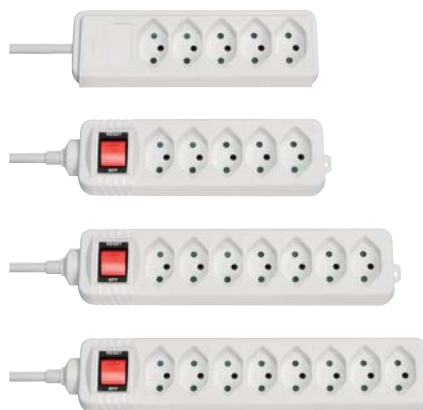
- Cable length about 1.4 m

5 way CH	73214
5 way CH with on/off switch	73167
7 way CH with on/off switch	73168
8 way CH with on/off switch	73169

LINDY

Power Strips 19" 1U

- Connecting cable (H05VV-F 3G1.5 black) in aluminum housing
- Angled Schuko plug or swiss plug, 2m
- Practical stainless steel fixing bracket to mount in 4 different positions, each rotatable 90°

IEC Power Strips
DE | IT | FR

- 8 x IEC 320
- 2 m cable

8 way DE, IT, FR	73 380

Standard 16A with surge protection
DE | IT

- Schuko sockets rotated 35°
- 2 m cable

7 way + switch (Schuko) DE, IT	73 430

Standard 16A
DE | IT

- Schuko sockets rotated 35°
- 2 m cable

8 way + switch (Schuko), DE, IT	73 400

Standard 16A
FR

- Schuko sockets rotated 35°
- 2 m cable

9 way FR	73 392

Standard 16A
DE | IT

- Schuko sockets rotated 35°
- 2 m cable

9 way (Schuko) DE, IT	73 390

Standard 10A
CH

NEW

- 9 x Swiss socket
- 2 m cable

9 way CH	73 434

REMOTE VIA IP CONTROLLED POWER STRIPS
PAGE 110–111

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TERMS &
CONDITIONS

LINDY INTERNATIONAL LTD.
Sadler Forster Way
Teesside Industrial Estate,
Thornaby
Stockton-on-Tees TS17 9JY
T: +441642754000
F: +441642765274
postmaster@lindy.com

CHINA
LINDY
No. 979, Yinxian Dadao,
Xia Ying Duan
Yinzhou District, Ningbo
315100
T: +8657486995613
F: +8657486995610
info@lindy-china.cn

USA
LINDY Computer Connection
Technology Inc.,
26469 Nick Davis Road, Suite B
Athens, AL 35613
T: +1256771-0660
F: +1256771-0460
usa@lindy-usa.com

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LINDY
CONNECTION PERFECTION

LINDY INTERNATIONAL LTD.
Sadler Forster Way
Teesside Industrial Estate,
Thornaby
Stockton-on-Tees TS17 9JY
T: +441642754000
F: +441642765274
postmaster@lindy.com

CHINA
LINDY
No. 979, Yinxian Dadao,
Xia Ying Duan
Yinzhou District, Ningbo
315100
T: +8657486995613
F: +8657486995610
info@lindy-china.cn

USA
LINDY Computer Connection
Technology Inc.,
26469 Nick Davis Road, Suite B
Athens, AL 35613
T: +1256771-0660
F: +1256771-0460
usa@lindy-usa.com

lindy.com