

# PROFESSIONAL COMPUTER ACCESSORIES 2012



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<http://shop.roline.com>

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## THE QUALITY LINE



### PROFESSIONAL PRODUCTS FOR PROFESSIONAL USERS

- **ROLINE Brand Packings with EAN-Code and 7 Language Stickers**
  - **Methodical Quality Inspections for all Products**
  - **2 Years Warranty for all ROLINE Products**
  - **Free Marketing and Technical Support**
  - **Bonded Warehouse in Germany**
  - **Best Prices on FOB terms**



Tina Chen  
General Manager



Sandy Chien  
Export Administration



Jennifer Yeh  
Export Administration

# Valued Customer our Commitment to you!

## Product Selection

All products are acquired from established and experienced manufactures across the globe, which lead the way within the computer accessory industry. To a large extent they are produced according to our internal specifications. Our products, comply with all relevant technical requirements including the RoHS, WEEE & CE regulations.



## ROLINE Brand

A brand that you can trust! - which is a brand name for high quality accessories and a product that is of very good quality, excellent reliability and also attractively priced.

ROLINE branded products come with a 2 year warranty.

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## VALUE Brand

Quality product and highly aggressive pricing makes the VALUE range ideally suited for Distribution Partners.

All VALUE products are supplied with a 1 year warranty.

**Value**

## Quality Control

All our products are tested systematically according to DIN-ISO 2859 rules. They are tested under real working conditions, which shows confidence in the quality of product we supply to the trade.



## On Stock

All catalogue products are on stock or will be available within a short period of time.



## Good Price

High purchasing volume and long-term relationships with highly specialised manufactures gives you the advantage to buy always at competitive prices 'value for money'.



## Service and Support

We provide assistance and guidance for technical questions & product enquiries against our entire Computer Accessory product portfolio.



**Please contact us now!**

Quality and Service Performance

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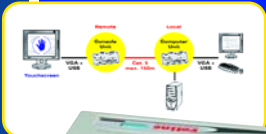
Your reference manual for selected computer accessories. Clearly structured in 9 product chapters providing easy selection of products.

**NEW**



## NEWS SHOP NEW PRODUCT

ROLINE Gigabit Ethernet Switches, VALUE Internal USB 3.0 Reader, VALUE Powerline Adapter , VALUE HDMI High Speed Cables, ROLINE External Mini SAS Cable, ROLINE USB 2.0 to RS232, ROLINE USB 2.0 Extension Cable, ROLINE Gold USB 3.0 Cables, Cable Assembly  
... on the pages NEW 0 to NEW 3



## APPLICATIONS

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%



# SELLOFF

ROLINE Internal Converter SATA to IDE, VALUE FireWire Cable, ROLINE Notebook Docking Station, ROLINE Notebook USB KVM Switch, ROLINE DVI Video-/Audio Splitters, VALUE Card Reader, VALUE HDD Enclosure, VALUE USB Power Charger, VALUE Powerline Ethernet Adapters ... on the pages A.01 - A.02



## ROLINE 5/8 Port Gigabit Ethernet Switches

The ROLINE Gigabit Ethernet switches are ideal as network centres for small to medium sized fast LANs. The Gigabit Ethernet ports can be connected to a server and sub-networks (with one of the ROLINE 10/100 switches with gigabit uplink).

- 5x/8x 10/100/1000Mbit/s ports
- Provide Store-and-Forward architecture, full wire speed filtering and forwarding rates. Support Auto-MDI/MDI-X, full/half duplex modes and auto-negotiation on all ports.
- Support flow control: back pressure for half-duplex mode, IEEE 802.3x for full-duplex mode
- Automatic source address learning and aging
- Stores up to 8K MAC-addresses
- Supports Jumbo Frame in all three speeds (10/100/1000Mbit/s)
- Front-panel diagnostic LEDs
- Dimensions (WxDxH): 183 x 125 x 31 mm
- **Contents:** Switch, power supply, manual

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### ROLINE Gigabit Ethernet Switch

**5 Ports Order-No. – Packing Unit 21.14.3516 – 5**

**8 Ports Order-No. – Packing Unit 21.14.3517 – 5**

## VALUE MHL to HDMI Cable

**Value**



With this solution HD camcorders, digital still cameras and personal mobile devices can be directly connected to an HDMI TV set. When the power supply of the mobile device is connected to the MHL cable, the mobile device can be even charged while it's connected to the HDMI TV set.

- Compatible with MHL (Mobile High-definition Link) specification version 1.1
- Connectors: USB type Micro B M (mobile device), HDMI A F (TV set), Micro USB F (power supply of mobile device)
- Supports all MHL mobile devices
- Plug & play, hot-swappable
- Cable length: 10 cm
- Content: MHL to HDMI cable



### VALUE MHL to HDMI Cable

**Order-No. – Packing Unit 11.99.8801 – 10**

## VALUE Internal USB 2.0 Card Reader...



### ... with USB 3.0 Port

- USB 2.0 Card Reader works with multiple media, as e. g. CF (Compact Flash) Card I/II, SD (Secure Digital) Card, SDHC, SDXC, MMC (MultiMedia Card), MS (Memory Stick), MS Pro, MS Duo, MS Pro-HG, MS XC, microSD
- Supports Extended Capacity SD memory cards (SDXC)
- 1x USB 3.0 type A port
- Pin connector for PC internal connection of Card Reader, USB type A plug for external connection of USB 3.0 port
- Can be installed in any available type 3.5 slot
- Supported Operating Systems: Windows 98SE/2000/ME/XP/Vista/7
- **Contents:** Card reader with moulded internal connection cable with pin connector and external USB 3.0 cable, screws

### VALUE Internal USB 2.0 Card Reader, with USB 3.0 Port, black

**Order-No. – Packing Unit**

**15.99.6251 – 10**

## VALUE Powerline Adapter, 500Mbit/s



Transform your home power supply system to a SOHO-network!

- With the compact VALUE Powerline Adapters you can easily expand your LAN at home
- For a simple small network you need two adapters
- Easily connect a PC with the included patch cord to the adapter and the adapter to your home power supply system and you will be able to use this connection as a network connection between your PCs
- Plug & play auto-configuration
- LEDs indicate status
- **Contents:** 1x Powerline adapter, Cat.5 UTP patch cord

### VALUE Powerline Ethernet Adapter, 500Mbit/s

**Order-No. – Packing Unit**

**21.99.1402 – 8**

# NEW

# NEWS SHOP

NEW PRODUCTS



## VALUE HDMI High Speed Cable...

... with Ethernet, HDMI Type C/D

HDMI cables with Mini resp. Micro connector for the connection of mobile phones, smart phones, PDAs, digital cameras and other mobile devices.

- Connectors 11.99.5580:  
HDMI Type A M to HDMI Type C (Mini HDMI) M
- Connectors 11.99.5581:  
HDMI Type A M to HDMI Type D (Micro HDMI) M
- With HDMI Ethernet Channel
- With Audio Return Channel
- Colour: black



**VALUE HDMI High Speed Cable with Ethernet, 2m  
HDMI Type A M - HDMI Type C M**  
Order-No. - Packing Unit      11.99.5580 - 10

**HDMI Type A M - HDMI Type D M**  
Order-No. - Packing Unit      11.99.5581 - 10



## ROLINE External Mini SAS Cable

Serial Attached SCSI (SAS) is a computer bus used to move data to and from computer storage devices such as hard drives and tape drives. SAS depends on a point-to-point serial protocol that replaces the older parallel SCSI bus technology. SAS offers backwards-compatibility with second-generation SATA drives.

- Cable for using of external RAID casings, libraries or other SAS systems with an internal SAS controller with external connection
- Supports SATA 6.0 Gbit/s (SATA III), SATA 3.0 Gbit/s (SATA II), SATA 1.5 Gbit/s (SATA I)
- With Mini SAS connector on both sides (SFF-8088 Male)
- Connector casing: metal
- Colour: black
- Length: 1.5 m

**ROLINE External Mini SAS Cable, 1.5 m, black**  
Order-No. - Packing Unit      11.03.1588 - 1



## ROLINE USB 2.0-RS-232 Adapter...

... with Isolation, for DIN Rail, 1 Port

Converter to connect serial devices to a USB port on your PC

- Compatible with USB 2.0, USB 1.1, USB 1.0
- Data transfer rate of up to 115 Kbit/s
- 15 kV ESD protection for RS-232 ports
- With galvanic isolation over opto coupler
- Connectors: 1x DB9 Male, 1x Mini USB type B
- For DIN Rail mounting
- Power supply over Mini USB type B connector (40mA)
- Windows 98SE/ME/2000/Server 2003/XP/Server 2008/XP/Vista/7

**ROLINE USB 2.0 to RS-232 Adapter, with Isolation, for DIN Rail, 1 Port**  
Order-No. - Packing Unit      12.02.1007 - 2

## ROLINE USB 2.0 Extension Cable, active

Active USB extension cable, with two amplifiers - integrated to the cable - ensures good signal quality to meet USB specification, even over a distance of 15 meters

- Compliant with USB 2.0
- Supports data transfer rates of up to 480Mbit/s
- Cable length: 15 m
- Connectors: USB type A M to USB type A F
- Hot-swappable, plug and play, no drivers required

- Power supply over USB port from the PC
- Dimensions of amplifier: 48 x 26 x 15 mm
- Supported operating systems: Windows 98SE/2000/XP/Vista/7, Mac os V9.0 or higher

**ROLINE USB 2.0 Extension Cable, active, 15m**  
Order-No. - Packing Unit      12.04.1091 - 5



# roline

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## ROLINE Gold USB 3.0 Cables



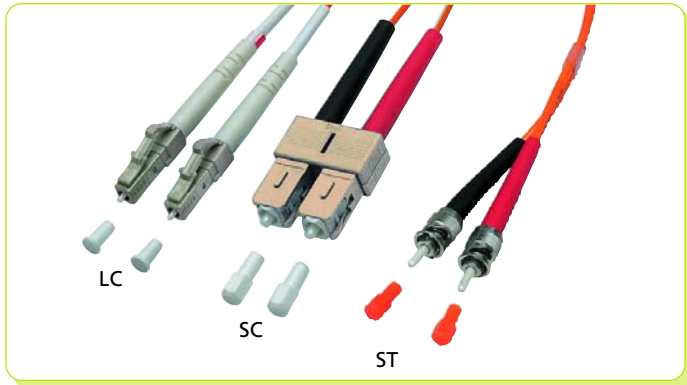
USB 3.0 SuperSpeed cables with high quality and improved shielding.

- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability
- Support data transfer rates of up to 5 Gbit/s
- Connectors:  
USB 3.0 type A M to type B M

**ROLINE Gold USB 3.0 Cable, Type A M - B M**  
**1.8m**  
Order-No. - Packing Unit      11.02.8902 - 10  
**3.0m**  
Order-No. - Packing Unit      11.02.8903 - 10

NEW 1

# Cable Assembly Inquiry Form



## Fiber Optic Cable

### Fiber Type

- Multimode 62,5/125 µm  
 Multimode 50/125 µm  
 Single mode 9/125 µm

### Fiber Quality

- OM1     OM2     OM3     OM4  
 OS1     OS2

Number of Fibers (1/2/4/8/12/24 ...) \_\_\_\_\_

### Cable Type

- Indoor (Duplex)  
 Indoor trunk, Breakout Cable  
 Outdoor trunk / Universal Cable  
 Underground Cable (longitudinally waterproof, rodent protection)

### Plug Type

#### Side A

- LC  
 SC  
 ST  
 E2000  
 8° Diagonal Cross section (single mode only)  
 Other \_\_\_\_\_

#### Side B

- LC  
 SC  
 ST  
 E2000  
 8° Diagonal Cross section (single mode only)  
 Other \_\_\_\_\_

### Cable Length / Options

- Length: \_\_\_\_\_  
 Labeling

#### Side A

\_\_\_\_\_

#### Side B

\_\_\_\_\_

- Pulling Aid

(Breakout, Universal and underground cables)

Quantity: \_\_\_\_\_

Your additional technical notes: \_\_\_\_\_

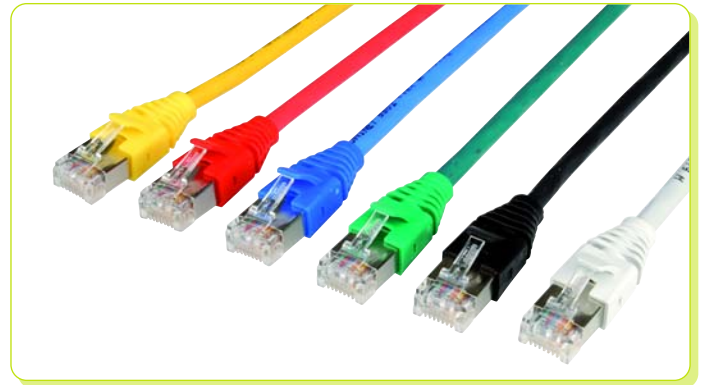
### Your contact details

Customer-No. : \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_

e-Mail : \_\_\_\_\_



## Twisted Pair Wire

### Cable Type

Brandname / Class (e.g. Draka, Leoni Kerpen, Cat. 6a): \_\_\_\_\_

PVC / Halogen-Free / PE-Sheath / PUR-Sheath: \_\_\_\_\_

Color: \_\_\_\_\_

- Stranded Wire Flexible patch cord     Stranded Wire Fixed Installation Cable  
 Flat     Round

Technical Note: \_\_\_\_\_

### Shielding

- UTP=U/UTP     FTP=F/FTP     S/FTP=SF/UTP (Cat.5e)     S/FTP=S/FTP (Cat.6) (PiMF)

### Plug Type

Brandname / Class: e.g. RJ11 / RJ12 / RJ45 (Cat.5e / Cat.6) / HiRose TM11, TM21, TM31 / GG45 / Siemon Tera / EC7 / BTR Field Plug, ...

Side A \_\_\_\_\_ Side B \_\_\_\_\_

Color Plug  
Side A \_\_\_\_\_ Side B \_\_\_\_\_

### Pin Assignment

- 1:1 EIA / TIA 568A  
 1:1 EIA / TIA 568B

### Customer-specific assignment

#### Side A

- Pin 1  
 Pin 2  
 Pin 3  
 Pin 4  
 Pin 5  
 Pin 6  
 Pin 7  
 Pin 8

#### Side B

- Pin  
 Pin  
 Pin  
 Pin  
 Pin  
 Pin  
 Pin  
 Pin

Quantity \_\_\_\_\_

Your additional technical notes: \_\_\_\_\_

**Please call us for a telephone consultation**

**Important Note: Individual cable assemblies require a written order. All orders are final. Subsequent requests of cancellation, refunds or exchange cannot be accepted.**



# Cable Assembly Inquiry Form

## Universal Serial Bus Cables

### Type of Plug

#### Side A

- USB 2.0 A Male
- USB 2.0 Mini A Male
- USB 2.0 Micro A Male

- USB 3.0 A Male
- USB 3.0 Micro A Male

other \_\_\_\_\_

open end

Length \_\_\_\_\_  
Color \_\_\_\_\_  
Quantity \_\_\_\_\_

#### Side B

- USB 2.0 A Male
- USB 2.0 A Female
- USB 2.0 B Male
- USB 2.0 Mini A Male
- USB 2.0 5-pin Mini B Male
- USB 2.0 Micro A Male
- USB 2.0 Micro B Male

- USB 3.0 A Male
- USB 3.0 A Female
- USB 3.0 B Male
- USB 3.0 Micro B Male

other \_\_\_\_\_

open end

**We reserve the right to decline infeasible assemblies or inquiries deemed technically or economically unsound**

## Telephone Cables

### Type of Plug:

#### Side A

- RJ-10 (4P4C)
- RJ-11 (6P4C)
- RJ-12 (6P6C)
- RJ-45 (8P8C)
- TAE-F Male
- TAE-N Male

- other \_\_\_\_\_
- open end

### Pin assignment:

#### Side A

- Pin 1 \_\_\_\_\_
- Pin 2 \_\_\_\_\_
- Pin 3 \_\_\_\_\_
- Pin 4 \_\_\_\_\_
- Pin 5 \_\_\_\_\_
- Pin 6 \_\_\_\_\_
- Pin 7 \_\_\_\_\_
- Pin 8 \_\_\_\_\_
- S - shielding \_\_\_\_\_

#### Side B

- RJ-10 (4P4C)
- RJ-11 (6P4C)
- RJ-12 (6P6C)
- RJ-45 (8P8C)
- TAE-F Male
- TAE-F Female
- TAE-N Male
- TAE-N Female

- other \_\_\_\_\_
- open end

#### Side B

- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- S \_\_\_\_\_



Length \_\_\_\_\_  
Color \_\_\_\_\_  
Cable Type (spiral/flat/UTP/STP) \_\_\_\_\_  
Quantity \_\_\_\_\_

## Standard Cables

### Type of Plug

#### Side A

- Sub-D 9-pole Male
- Sub-D 9-pole Female
- Sub-D 15-pole Male
- Sub-D 15-pole Female
- Sub-D 25-pole Male
- Sub-D 25-pole Female
- HD 15-pole Male
- HD 15-pole Female
- Centronics 36 Male

- other \_\_\_\_\_
- open end

#### Side B

- Sub-D 9-pole Male
- Sub-D 9-pole Female
- Sub-D 15-pole Male
- Sub-D 15-pole Female
- Sub-D 25-pole Male
- Sub-D 25-pole Female
- HD 15-pole Male
- HD 15-pole Female
- Centronics 36 Male
- Centronics 36 Female

- other \_\_\_\_\_
- open end

### Pin assignment

- | Side A | Side B    |
|--------|-----------|
| Pin 1  | Pin _____ |
| Pin 2  | Pin _____ |
| Pin 3  | Pin _____ |
| Pin 4  | Pin _____ |
| Pin 5  | Pin _____ |
| Pin 6  | Pin _____ |
| Pin 7  | Pin _____ |
| Pin 8  | Pin _____ |
| Pin 9  | Pin _____ |
| Pin 10 | Pin _____ |
| Pin 11 | Pin _____ |
| Pin 12 | Pin _____ |

- | Side A | Side B    |
|--------|-----------|
| Pin 13 | Pin _____ |
| Pin 14 | Pin _____ |
| Pin 15 | Pin _____ |
| Pin 16 | Pin _____ |
| Pin 17 | Pin _____ |
| Pin 18 | Pin _____ |
| Pin 19 | Pin _____ |
| Pin 20 | Pin _____ |
| Pin 21 | Pin _____ |
| Pin 22 | Pin _____ |
| Pin 23 | Pin _____ |
| Pin 24 | Pin _____ |

- | Side A        | Side B    |
|---------------|-----------|
| Pin 25        | Pin _____ |
| Pin 26        | Pin _____ |
| Pin 27        | Pin _____ |
| Pin 28        | Pin _____ |
| Pin 29        | Pin _____ |
| Pin 30        | Pin _____ |
| Pin 31        | Pin _____ |
| Pin 32        | Pin _____ |
| Pin 33        | Pin _____ |
| Pin 34        | Pin _____ |
| Pin 35        | Pin _____ |
| Pin 36        | Pin _____ |
| S - shielding | S _____   |

Length \_\_\_\_\_  
Color \_\_\_\_\_  
Cable Type (UTP/STP) \_\_\_\_\_  
Connector housing \_\_\_\_\_  
(PVC/full metal/metalized, straight, angled)



### Your contact details

**Customer-no. :** \_\_\_\_\_

**Contact person:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**e-Mail :** \_\_\_\_\_

**Important note: Individual cable assemblies require a written order. All orders are final. Subsequent requests of cancellation, refunds or exchange cannot be accepted.**

# APPLICATIONS

## What is Digital Signage?

By definition **digital signage** is the utilization of media content for marketing or public information purposes, such as electronic posters, billboards, traffic signs, instore advertising, door signs and for large screen projection. This dynamic signage system enables manual or program-controlled updates to the audio-visual content in real-time. This system is usually a combination of bright digital panels such as Plasma or LED screens, a play-out-device (PC system, DVD or Blu-ray player), network connection, play-out-software, content management and network management applications.

**Digital Signage** includes components for local distribution of audio and video content as well as transmission of content via Internet to presentations afield.

There are following **digital signage** applications:



### 1. Audio/Video-Extension

An existing video transmission stream can be extended, with or without audio, within a local or to a remote site.

### 2. Audio/Video-Splitting

The components needed for distributing the audio/video content to output devices at the end of the transmission path.

## 1. Digital Signage - Audio/Video-Extension

### 1.1 Digital Signage - Extension by Wire

**VGA** - Displaying commercial or informational screen content from VGA sources on monitors, panels or beamers. **(Fig. A)**

ROLINE HQ VGA Cable, HD15 M - HD15 M, 20m (Order-No. 11.04.5220)

ROLINE HQ VGA Cable, HD15 M - HD15 M, 30m (Order-No. 11.04.5230)

ROLINE HQ VGA Cable, HD15 M - HD15 M, 50m (Order-No. 11.04.5250)

ROLINE HQ VGA Cable with Ferrite, HD15 M - HD15 M, 20m (Order-No. 11.04.5270)

ROLINE HQ VGA Cable with Ferrite, HD15 M - HD15 M, 30m (Order-No. 11.04.5280)

ROLINE HQ VGA Cable with Ferrite, HD15 M - HD15 M, 50m (Order-No. 11.04.5299)

(Technical details and further information can be found on page 3.14)

**DVI** - Link Extension, usually PC systems with remote monitors or panels to display commercial or non-commercial information as electronic ticker style text or digital posters. **(Fig. B)**

ROLINE Monitor Cable, DVI M - DVI M, (24+1) dual link 10m (Order-No. 11.04.5595)

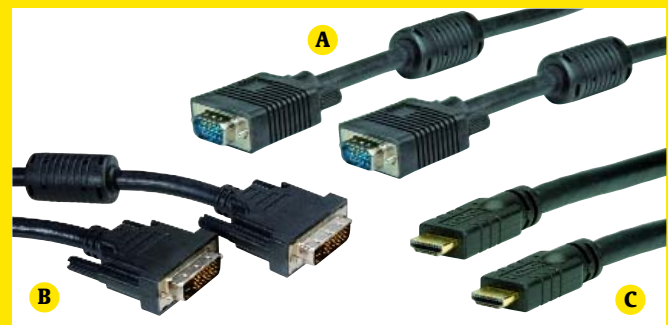
(Technical details and further information can be found on page 3.15)

**HDMI** - audio-visual content, usually cine films from DVD or Blu-ray players sent to remote LCD or TFT panels or to a beamer during a public viewing event. **(Fig. C)**

ROLINE HDMI High Speed Cable, M - M, with Repeater 30m (Order-No. 14.01.3465)

ROLINE HDMI High Speed Cable with Ethernet, M - M, with Repeater 25m (Order-No. 14.01.3466)

(Technical details and further information can be found on page 6.04)



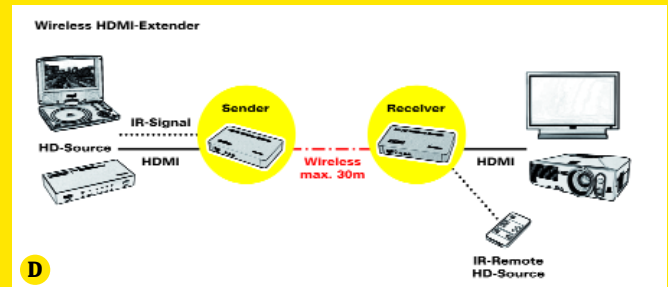
### 1.2 Digital Signage - Wireless Extension

The wireless transmission of analog and digital video data.

Example: The sender transmits audio/video content from an HDMI source to the wireless receiver connected to a beamer. This accommodates hard-to-reach beamer installations with obstructed cable ways. **(Fig. D)**

ROLINE Wireless Audio/Video System, HDMI (Order-No. 14.01.3406)

(Technical details and further information can be found on page 6.05)



### 1.3 Digital Signage - Extension via Twisted Pair

The audio/video signal is converted so that it can be transmitted long distances over either existing twisted pair cable ways or easily installable new ones.

**VGA** - In order to achieve high VGA image quality over a distance greater than 50m the video signal is converted for transmission via twisted pair cabling. The attainable signal range is maximal 300m. **(Fig. E)**

VALUE VGA Extender over Twisted Pair, max. 80m (Order-No. 14.99.3431)

VALUE VGA Extender over Twisted Pair, max. 180m (Order-No. 14.99.3430)

VALUE VGA Extender over Twisted Pair, max. 300m (Order-No. 14.99.3429)

(Technical details and further information can be found on page 6.03)

**DVI** - In order to achieve high DVI image quality over a distance greater than 10,0m the video signal is converted for transmission via twisted pair cabling. The attainable signal range is maximal 30m. **(Fig. F)**

ROLINE Active DVI Extender over Twisted Pair, max. 30m (Order-No. 14.01.3402)

(Technical details and further information can be found on page 6.03)

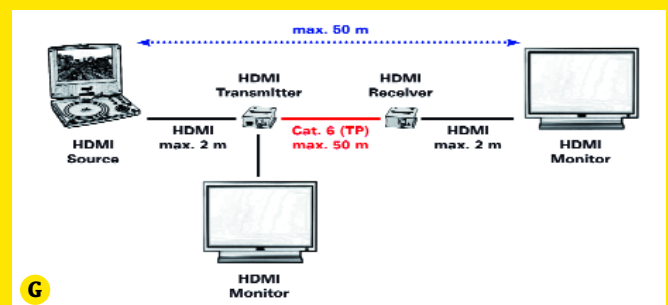
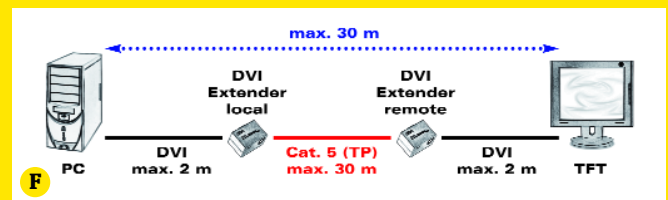
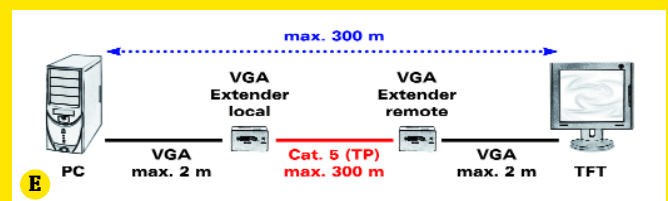
**HDMI** - In order to achieve high HDMI image and sound quality over a longer distance the audio/video signal is converted for transmission via twisted pair cabling. The attainable signal range is maximal 100m.

VALUE HDMI Extender over Twisted Pair, 25m (Order-No. 14.99.3460)

ROLINE HDMI Extender over Twisted Pair, Cat.6, 50m (Order-No. 14.01.3461) **(Fig. G)**

ROLINE HDMI Extender over Twisted Pair, Cat.6, 100m (Order-No. 14.01.3462)

(Technical details and further information can be found on page 6.04)



# APPLICATIONS

## 1. Digital Signage - Audio/Video-Extension

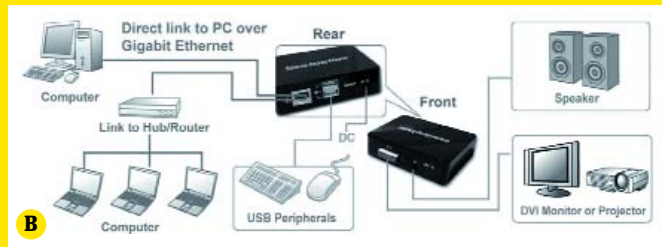
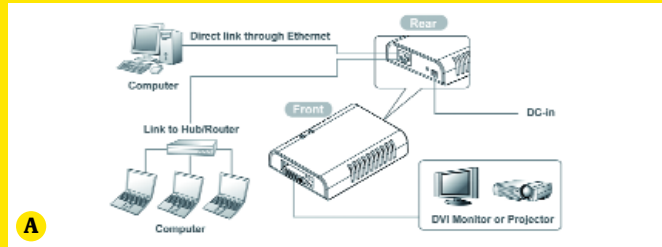
### 1.4 Digital Signage - Extension via TCP/IP

The multimedia content is converted so that it can be transmitted via TCP/IP protocol over LAN or Internet for display on a TFT or LED panel or beamer. Furthermore, real-time updates to audio-video content are virtually from anywhere possible.

**DVI (10/100MBit/s)** - Video content over Fast Ethernet is an ideal solution for digital commercial posters, menu cards or electronic bulletin boards in schools. **(Fig. A)**  
**VALUE DVI Display over Ethernet Adapter** (Order-No. 14.99.3406)  
**ROLINE DVI-Display over Ethernet Adapter** (Order-No. 14.01.3403)  
 (Technical details and further information can be found on page 3.33)

**DVI (1GBit/s, with Sound)** - audio/video content via Gigabit Ethernet with auxiliary sound channel as multimedia interface for interactive applications. **(Fig. B)**  
**ROLINE Audio/Video over Gigabit Ethernet Adapter, DVI** (Order-No. 14.01.3380)  
 (Technical details and further information can be found on page 3.33)

**HDMI (1GBit/s, with Sound)** - Content such as presentations or cine films with sound via Gigabit Ethernet for display on e.g. normal TV sets. **(Fig. B)**  
**ROLINE Audio/Video over Gigabit Ethernet Adapter, HDMI** (Order-No. 14.01.3375)  
 (Technical details and further information can be found on page 3.33)



## 2. Digital Signage - Audio/Video-Splitting

### 2.1 VGA - distributing an analog video signal ...

... to 2, 4 or 8 connected monitors or beamers.

- VALUE Portable VGA Video Splitter, 2-way, 250MHz (Order-No. 14.99.3523)
  - VALUE Portable VGA Video Splitter, 2-way, 450 MHz (Order-No. 14.99.3524)
  - VALUE VGA Video Splitter, 250MHz, 2-way (Order-No. 14.99.3526)
  - VALUE VGA Video Splitter, 250MHz, 4-way (Order-No. 14.99.3531)
  - VALUE VGA Video Splitter, 250MHz, 8-way (Order-No. 14.99.3536)
  - ROLINE VGA Video Splitter, 350MHz, 2-way (Order-No. 14.01.3527)
  - ROLINE VGA Video Splitter, 450MHz, 4-way, 450MHz (Order-No. 14.01.3533)
  - ROLINE VGA Video Splitter, 450MHz, 8-way, 450MHz (Order-No. 14.01.3538)
- (Technical details and further information can be found on page 6.06)

### 2.2 DVI - distributing a digital video signal ...

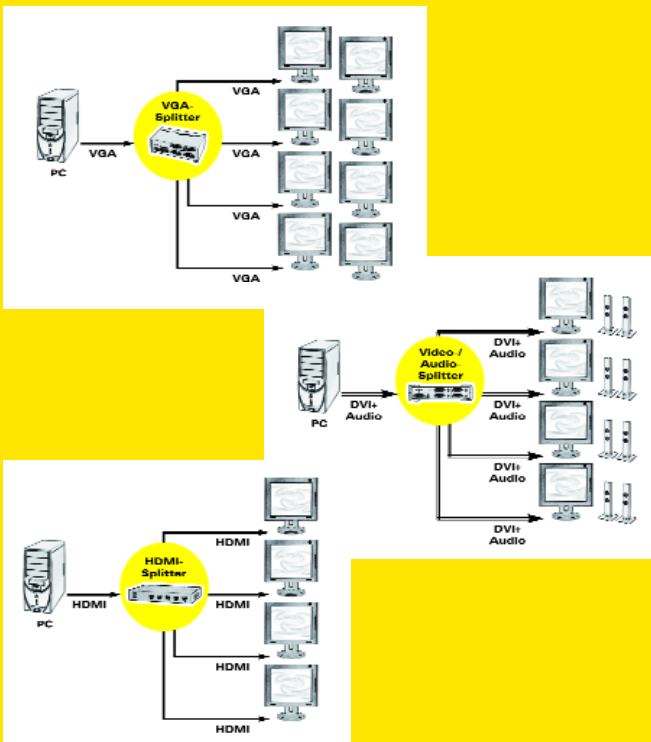
... to 2 or 4 connected monitors or beamers.

- VALUE Video-Splitter, DVI, 2-way (Order-No. 14.99.3502)
  - VALUE Video-Splitter, DVI, 4-way (Order-No. 14.99.3504)
- (Technical details and further information can be found on page 6.07)

### 2.3 HDMI - distributing a digital video signal ...

... with sound to 2, 4 or 8 connected monitors or beamers.

- VALUE HDMI Video-Splitter, 4-way (Order-No. 14.99.3506)
  - VALUE HDMI Video-Splitter, 8-way (Order-No. 14.99.3507)
  - ROLINE HDMI Video-Splitter, 2-way (Order-No. 14.01.3552)
  - ROLINE HDMI Video-Splitter, 4-way (Order-No. 14.01.3554)
- (Technical details and further information can be found on page 6.07)



## 3. Digital Signage - Audio/Video- Extension + Splitting

### For example: extension and splitting components can be utilized in a single installation

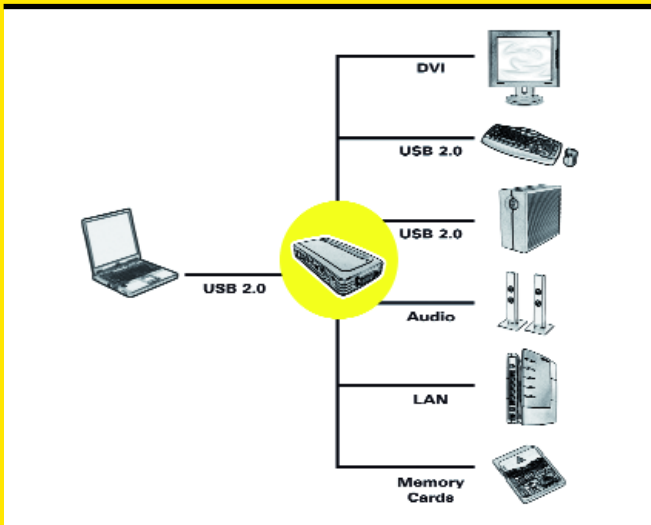
This splitter facilitates the usage of additional 6 DVI monitors or beamers on one computer over the network. Cloned screen content and audio is transmitted to shared monitors or panels. Ideal for in-store advertising or electronic information boards in waiting rooms.

**ROLINE A/V Gigabit Ethernet Adapter, DVI, with Video Splitter Function** (Order-No. 14.01.3371)  
 (Technical details and further information can be found on page 6.08)



# APPLICATIONS

## Simplified connection of peripheral devices to a notebook



### USB 2.0 Notebook Docking Station

**Objective: Easily Connecting Peripheral Devices to a Notebook**

How often has one wished upon returning to his workplace or home office for a quick and easy method of reconnecting his notebook with his peripheral devices such as a printer, keyboard, mouse, scanner or fax machine?

One-Step-Method: You just hook up your peripheral devices to the VALUE USB 2.0 Notebook Docking Station and attach the USB cable to your portable computer. Furthermore, the docking station features additional connectors for a TFT panel, headphones and even has an integrated Multi-Card-Reader (SDHC compatible).

**VALUE USB 2.0 Mini Notebook Docking Station, DVI, LAN**  
Order-No. 12.99.1001



## Equipment-sharing in a workgroup or office environment

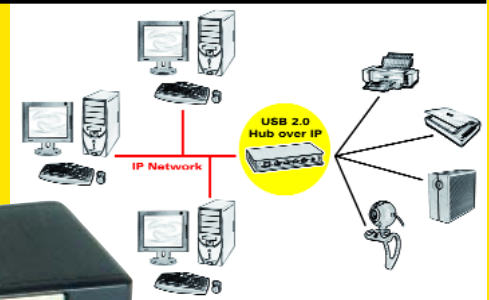
### USB 2.0 Hub over IP

**Objective: Sharing equipment in a workgroup or office environment**

Workgroup or office environments are often equipped with just one fax, scanner or printer to be shared by the employees. Modern office equipment usually features a USB connection which can be centrally attached to a USB hub.

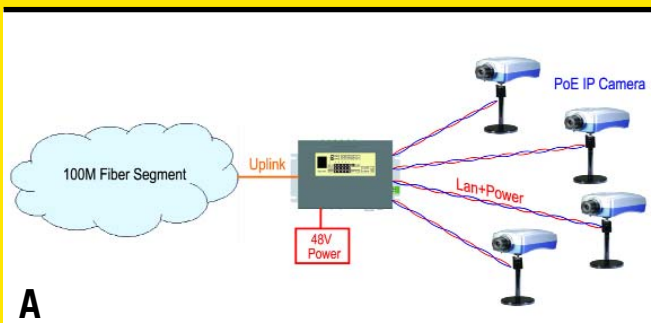
The ROLINE USB 2.0 hub over IP not only offers 4 USB ports for connecting all types of USB equipment, but also an RJ-45 jack to link up to a local network. Utilizing a standard IP address and ethernet protocol, the hub enables network users to gain alternating access to all connected USB devices. Hence a single fax machine, scanner, printer, external hard drive or even data logging equipment can effectively be shared by all co-workers in an office environment.

**ROLINE USB 2.0 Hub over IP, 4 Ports, Fast Ethernet**  
Order-No. 14.02.5202

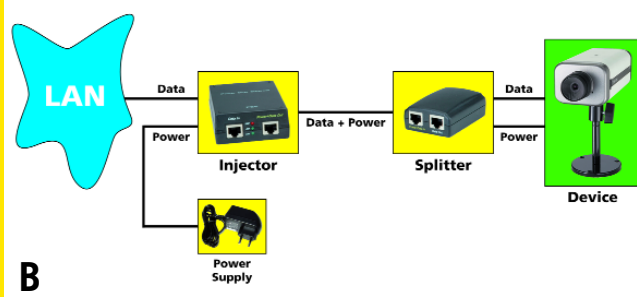


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## Powering network cameras at locations without connection to building mains



**A**



**B**

### Data link with Power over Ethernet (PoE) support

**Objective: Powering network cameras at locations without connection to building mains**

**Fig. A:** PoE cameras are installed in each corner of a huge warehouse without an electrical connection to the 230V building mains. The estimated power consumption of a PoE camera is roughly 15W. The cameras are connected via their RJ-45 ports to standard network cable with 4 pairs of twisted wire. The 100Mbit norm does not utilize all 4 pairs for the data traffic; thus leaving idle pairs free for PoE support to the camera. Therefore the camera's RJ-45 port can accommodate both data transfer and power supply in one.

**Alternatively - Fig. B:** In some cases only a single segment with PoE support is required. For this purpose you can use the VALUE PoE set, injector/splitter.

**ROLINE Industrial Fast Ethernet PoE Switch, 5 Ports**  
Order-No. 21.13.1170

**KORENIX 45W 27V DC DIN-Rail Power Supply Unit**  
Order-No. 21.13.1226

**ROLINE 10/100 PoE Injector, 15.4W**  
Order-No. 21.13.1192

**ROLINE 10/100 PoE Splitter**  
Order-No. 21.13.1194



# APPLICATIONS

## Access to a Remote Workstation in a Disadvantageous Industrial Environment

### KVM remote extensions

**Objective: Access to a remote workstation in a disadvantageous industrial environment**

Safe computer operation in a factory can be impaired by the negative effects that heavy dust and high temperatures have on the machines. Under these circumstances it becomes necessary to place the workstation in a more suitable environment, away from the factory work floor, and access it remotely. Here are 2 solutions to access a remote workstation:

#### 1. Keyboard/Mouse - Fig. A:

Here is used the ROLINE-KVM-Extension over twisted pair cable. This solution is composed of one remote unit and one local unit. The monitor, keyboard and mouse should be connected to the remote unit in the same fashion as to a computer. The local unit should be attached to the monitor, keyboard and mouse connectors of the remote workstation. The remote unit and local unit can then be coupled via standard twisted pair network cable. The maximal cable length should not exceed 150 meters. The local unit offers a supplemental feature by allowing a second monitor, keyboard and mouse to be connected to simplify workstation administration.

#### 2. Touchscreen - Fig. B:

The ROLINE Smart KVM Extension over twisted pair cable is the ideal solution to incorporate a remote workstation due to its comprehensive computer connectivity. Besides the standard computer support it also features full functional touchscreen-computer implementation. The touchscreen can be connected to the remote unit. The remote unit and local unit can then be coupled via standard twisted pair network cable. The maximal cable length should not exceed 150 meters.

#### ROLINE KVM Extender over RJ-45, USB

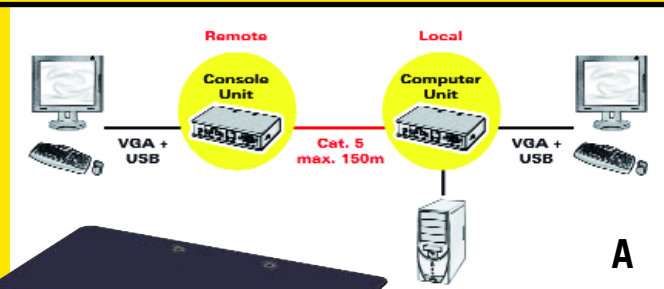
Order-No. 14.01.3328

#### ROLINE Smart KVM Extender, USB

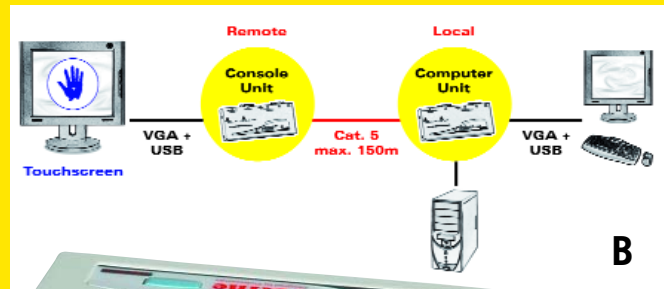
Order-No. 14.01.3249

#### ROLINE S/FTP Patch Cord Cat.5e, grey, 20m

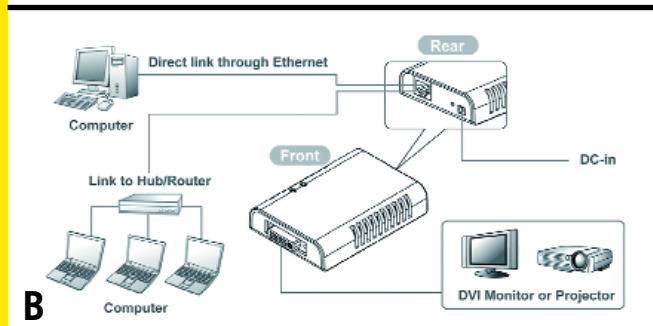
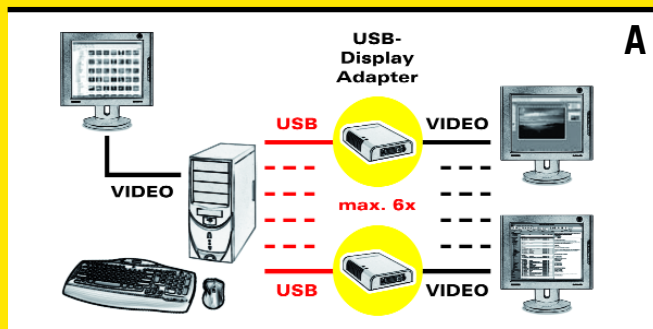
Order-No. 21.15.0320



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## Viewing Screen Content on Auxiliary Monitors



### Display Adapter Objective: Viewing screen content on auxiliary monitors

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There are two types of usage:

#### 1. Two independent screens on one workstation - Fig. A:

The ROLINE USB Display Adapter allows the quick and easy connection of additional monitors to a notebook or computer. It converts a USB port to a full-fledged VGA or DVI graphics adapter. The additional screen can either be used to extend the desktop of an existing monitor, or be used independently for other programs and graphic content.

#### 2. Two screens with identical content to be viewed at different locations or workstations - Fig. B:

The ROLINE Display-Over-IP-Adapter enables the usage of a remote screen as an additional output device. The remote screen does not require a computer connection because the screen content can be transmitted via TCP/IP protocol to all locations within your network infrastructure. Possible usage scenarios could include installing a TFT-panel in a waiting room, sales room, at a factory control stand or test bench.

#### ROLINE USB Display Adapter, USB - DVI/VGA

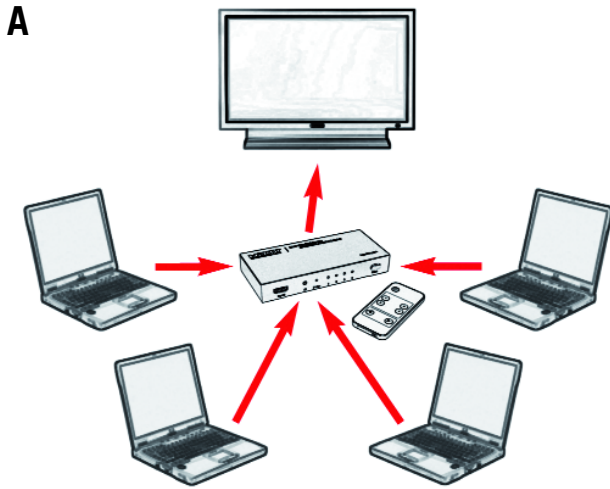
Order-No. 12.02.1051

#### ROLINE DVI Display over Ethernet Adapter

Order-No. 14.01.3403

# APPLICATIONS

## Beamer-Sharing in a Conference Room Environment by the Participants



### HDMI Video-Switch

**Objective:** Beamer-sharing in a conference room environment by participants

The participants of a meeting wish to alternatively utilize one conference room beamer to show their individual presentations stored on their notebooks.

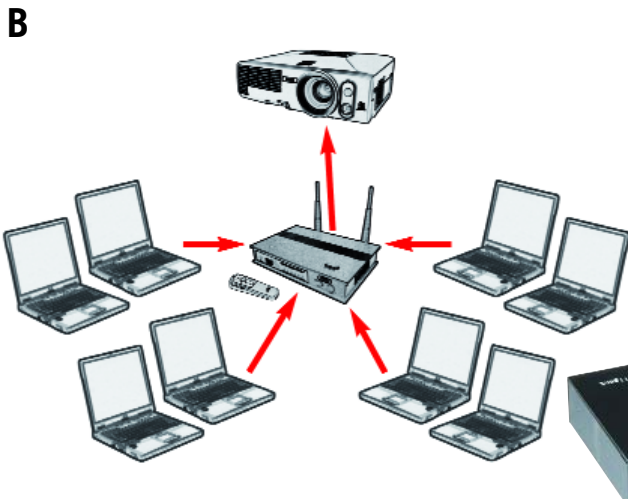
Here are two possibilities:

#### 1. Wired - Fig. A:

The ROLINE HDMI-Video Switch offers 4 HDMI ports which can be operated per remote control. The conference participants simply connect their notebooks to the switch with a standard HDMI cable. The chairperson, using the remote control, can then determine during the conference which presentation will be shown on the large-format screen.

#### 2. Wireless - Fig. B:

The ROLINE Wireless Projector Server should be directly connected to the beamer using a standard VGA or HDMI cable. Up to 16 conference participants can alternatively share one beamer. The provided software converts the screen content of the participants notebooks into data packages; which then can be transmitted via WLAN or LAN to the projector server and ultimately the beamer. For data security purposes the packages can optionally be enciphered. The server can be operated per remote control (provided) over the built-in on-screen-display.



### ROLINE HDMI Switch, Automatic, 4-way

Order-No. 14.01.3563

### ROLINE Wireless Projector Server, 802.11b/g/n

Order-No. 14.01.3404

### ROLINE Gold HDMI High Speed Cable, HDMI M - HDMI M, 2m

Order-No. 11.04.5562

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## Video/Audio-Splitter for a Showroom Surrounding

### Video/Audio-Splitter

**Objective:** Video/Audio-splitter for a showroom surrounding

A video/audio presentation should be distributed to multiple monitors and loud-speakers within a showroom surrounding. The splitter is connected to a computer by a standard DVI cable and 3.5 mm audio cable. The multiple monitors and loud-speakers are plugged into the ROLINE DVI Video/Audio splitter using likewise standard cables.

Further video-switching / -splitting solutions are found in chapter 6.

### ROLINE DVI Video-/Audio Splitter, 4-way, 250MHz

Order-No. 14.01.3529

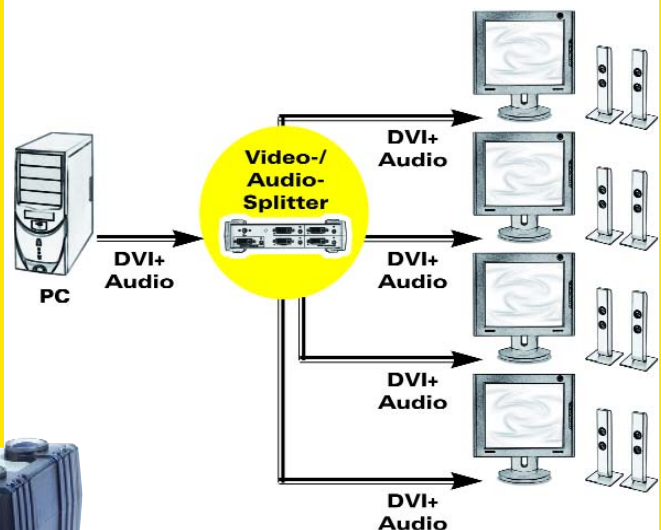
### ROLINE Monitor Cable, DVI M - DVI M, (24 + 1) dual link, 5m

Order-No. 11.04.5555

### ROLINE 3.5mm Cable, M-M, 5m

Order-No. 11.09.4505

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# Network Components Cables



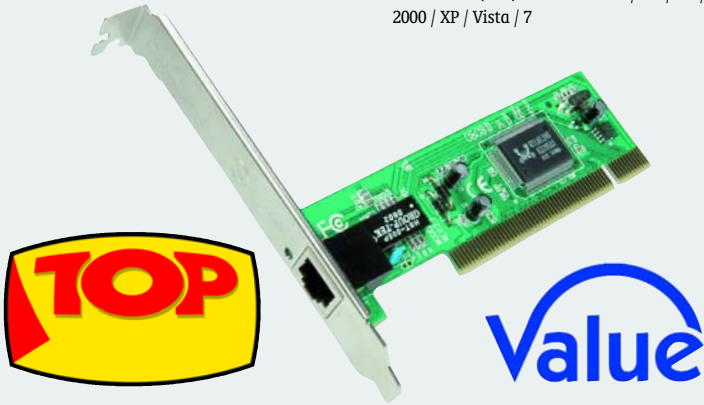
1

<b>Ethernet Adapters</b> .....	<b>1.02 - 1.03</b>
<b>Ethernet / Fast Ethernet Switches</b> .....	<b>1.03 - 1.05</b>
<b>Print Servers</b> .....	<b>1.05</b>
<b>Media Converters / PoE Switches</b> .....	<b>1.06 - 1.07</b>
<b>Industrial Networking</b> .....	<b>1.08 - 1.09</b>
<b>Broadband / DSL Router</b> .....	<b>1.06, 1.09</b>
<b>Wireless LAN</b> .....	<b>1.10</b>
<b>Network Cameras</b> .....	<b>1.10 - 1.11</b>
<b>Installation Cables</b> .....	<b>1.12 - 1.13</b>
<b>Patch Cords</b> .....	<b>1.14 - 1.19</b>
<b>Fibre Optic Jumper Cables</b> .....	<b>1.20 - 1.24</b>
<b>Cable Assembly</b> .....	<b>1.25</b>
<b>Modular Plugs, Couplers, Junction Boxes</b> .....	<b>1.26</b>
<b>Mount Boxes</b> .....	<b>1.20, 1.26 - 1.27</b>
<b>Patch Panels</b> .....	<b>1.20, 1.28 - 1.31</b>
<b>19" Wall Cabinets</b> .....	<b>1.32</b>

## VALUE Fast Ethernet PCI Adapter

- 1x shielded RJ-45 connector for 10Mbit/s and 100Mbit/s networks
- Complies with PCI 2.1/2.2

- Supports Full-duplex flow control
- Supports Auto-negotiation
- Supported Operating Systems: NetWare 3.x, 4.x, Windows 98SE / ME / NT / 2000 / XP / Vista / 7



**Order-No.** – Packing Unit  
**21.99.3039** – 50

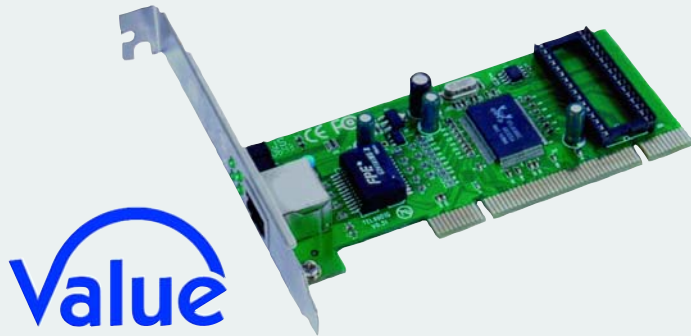
VALUE Fast Ethernet PCI Adapter

## VALUE Gigabit Ethernet PCI Adapter

This Gigabit Ethernet Adapter is a high performance Ethernet adapter built on 32-bit PCI bus architecture and proven technology of Gigabit (1000 Mbit/s) Ethernet.

- 1x shielded RJ-45 port for 10/100/1000Mbit/s network
- Supports 32 bit PCI 2.1/2.2

- Supports full-duplex flow control, auto-negotiation, auto-MDI/MDIX
- LED indication for Link / Activity / Speed / Duplex
- Supported Operating Systems: NetWare 4.x/5.x/6.x, Windows 98SE / NT / 2000 / ME / XP / Vista / 7



**Order-No.** – Packing Unit  
**21.99.3047** – 5

VALUE Gigabit Ethernet PCI Adapter

## VALUE USB 2.0 to Fast Ethernet Converter

Cost-effective solution for connecting a PC or notebook with USB port to a 10/100 network.

- USB 2.0 to 10/100Mbit/s controller
- Compliant with USB 2.0, USB 1.1
- Supports both full-duplex and half-duplex operations
- Supports USB to ethernet bridging or vice versa in hardware

- LED indication for Link/Activity
- Supported Operating Systems: Windows 2000 / XP / Vista / 7, Mac OS X
- **Contents:** Converter, driver CD

**Technical data:**  
 PC connection: 1x USB Type A M  
 Network connection: 1x RJ-45 F



**Order-No.** – Packing Unit  
**21.99.1102** – 10

VALUE USB 2.0 to Fast Ethernet Converter

## ROLINE Fast Ethernet PCI Adapter

ROLINE adapters offer excellent features for a good price

- 1x shielded RJ-45 connector for 10Mbit/s and 100Mbit/s networks
- Complies with PCI 2.1/2.2. Supports Full-duplex flow control & Auto-Negotiation.
- Supports PCI target fast back-to-back transaction

- Provides diagnostic software and LED indication for network Link/Activity
- Supported Operating Systems: NetWare 3.x, 4.x, Windows 98SE / ME / NT / 2000 / XP / Vista / 7



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**Order-No.** – Packing Unit  
**21.11.3039** – 50

ROLINE RA-100TX Fast Ethernet PCI Adapter

## ROLINE Gigabit Ethernet PCI Adapter

The ROLINE Gigabit Ethernet Adapter is ideal for speeding up data transfers for network servers and other computers, such as those used for video-conferencing, that send and/or receive large amounts of data.

- 1x shielded RJ-45 port for 10/100/1000Mbit/s network
- Supports 32 bit PCI 2.1/2.2/2.3
- Supports full-duplex flow control, auto-negotiation, auto-MDI/MDIX
- Supports ACPI, PCI power management
- Supports smart remote boot ROM

- LED indication for Link / Activity / Speed / Duplex
- Supported Operating Systems: NetWare 4.x/5.x/6.x, Windows 98SE / NT / 2000 / 2003 / ME / XP / Vista / 7



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**Order-No.** – Packing Unit  
**21.11.3043** – 5

ROLINE RA-1000T32 Gigabit Ethernet PCI Adapter

## ROLINE USB 2.0 to Fast Ethernet Converter

For the easy connection of a computer or notebook with USB port to a 10/100 ethernet.

- Compliant with USB 2.0, USB 1.1
- Compatible with 10Base-T, 100Base-TX
- Supports both full-duplex and half-duplex operations
- Supports suspend mode and remote wakeup via link-up and magic packet
- LED indication for Power/Link/Activity
- Powered over USB port

- Supported Operating Systems: Windows 2000 / XP / Vista / 7, Mac OS X

- **Contents:** Converter with moulded USB cable (20 cm), driver CD, quick installation guide

**Technical data:**  
 PC connection: 1x USB Type A M  
 Network connection: 1x RJ-45 F



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**Order-No.** – Packing Unit  
**12.02.1102** – 10

ROLINE USB 2.0 to Fast Ethernet Converter



## VALUE USB 2.0 to Gigabit Ethernet Converter

Cost-effective solution for connecting a PC or notebook with USB port to a 10/100/1000 network.

- Supports 10/100/1000Mbit/s auto-sensing capability
- Compliant with USB 2.0, USB 1.1
- Supports both full-duplex and half-duplex operation in Fast Ethernet

- Supports auto MDIX
- Easy plug & play installation
- Power supplied over USB port
- Supported Operating Systems: Windows 98SE / ME / 2000 / XP / Vista / 7, Mac OS X
- **Contents:** Converter, driver CD



**Technical data:**  
PC connection: 1x USB Type A M  
Network connection: 1x RJ-45 F

**Order-No. – Packing Unit**

VALUE USB 2.0 to Gigabit Ethernet Converter **12.99.1104 – 10**

## ROLINE USB 2.0 to Gigabit Ethernet Converter

For the easy connection of a computer or notebook with USB port to a 10/100/1000 ethernet.

- Compliant with USB 2.0, USB 1.1
- Supports 10/100/1000Mbit/s auto-sensing capability, Auto MDIX. Supports full-duplex and half-duplex operations. Supports suspend mode and hibernation mode.
- LED indication for Power / Link / Activity

- Bus powered – power supplied over USB port
- Supported Operating Systems: Windows 2000 / XP / Vista / 7, Mac OS X

- **Contents:** Converter with moulded USB cable (20 cm), driver CD, quick installation guide

**Technical data:**  
PC connection: 1x USB Type A M  
Network connection: 1x RJ-45 F

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**Order-No. – Packing Unit**

ROLINE USB 2.0 to Gigabit Ethernet Converter **12.02.1105 – 10**

## VALUE Fast Ethernet Microswitches

Our VALUE 10/100 switches are the right solution for workgroups who need a higher performance.

- Compact switch. Easy installation.
- Supports 100Mbit/s or 10Mbit/s connection on every port (auto-negotiation)
- Full-duplex or half-duplex operation

- Supports Auto-MDI/MDIX
- Supports MAC address auto learning/aging
- **Contents:** Switch, power supply, manual

**Technical data:**  
Store & Forward, 256KB RAM Buffer, Filtering/Forwarding on Line Speed



**Order-No. – Packing Unit**

VALUE Fast Ethernet Switch, 5 Ports **21.99.3116 – 5**

VALUE Fast Ethernet Switch, 8 Ports **21.99.3119 – 5**

## ROLINE Fast Ethernet Switches, Pocket

Very flat pocket-size switches in stable metal casing.

- 5 resp. 8x 10/100BaseTX ports
- Auto-MDI/MDIX, Auto-Negotiation
- Store and Forward, Non-Blocking
- Supports full-duplex and Flow Control
- Power supply: 5 VDC 1.2A or over USB connection from the PC

- **Contents:** Switch, power supply, USB power cable, manual

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**Order-No. – Packing Unit**

ROLINE Fast Ethernet Switch, Pocket, 5 Ports **21.14.3133 – 4**

ROLINE Fast Ethernet Switch, Pocket, 8 Ports **21.14.3134 – 4**

Order-No.	Ports	Shielded RJ-45	Uplink	Dimensions	Housing
21.14.3133	5	5	yes	79 x 62 x 20 mm	Pocket
21.14.3134	8	8	yes	94 x 62 x 20 mm	Pocket
21.14.3133	5	5	yes	79 x 62 x 20 mm	Pocket
21.14.3134	8	8	yes	94 x 62 x 20 mm	Pocket



## ROLINE Fast Ethernet Switches

- Small and compact desktop switches
- Easy to install (plug & play)
- Each port is shielded and supports both 10 and 100Mbit/s speed
- Supports Auto-MDI/MDIX and Auto-negotiation
- All ports support full/half-duplex operation

- Supports MAC address auto-learning and auto-aging
- LED indicators provide quick, easy to read port and switch information

- **Contents:** Switch, power supply, manual

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**Technical Data:**  
Store & Forward, 128KB RAM Buffer / Port, 1024 MAC addresses, Filtering/Forwarding on Line Speed

**Order-No. – Packing Unit**

ROLINE RS-105D Fast Ethernet Switch, 5 Ports **21.14.3156 – 5**

ROLINE RS-108D Fast Ethernet Switch, 8 Ports **21.14.3159 – 5**

Order-No.	Ports	Shielded RJ-45	Uplink	Dimensions	Housing
21.14.3156	5	5	yes	140 x 85 x 30 mm	Desktop
21.14.3159	8	8	yes	140 x 85 x 30 mm	Desktop

**Best Seller**

## ROLINE 19" Fast Ethernet Switches

- These high-quality switches can be placed near the core of the network to eliminate bottlenecks and improve the overall network throughput
- Support 10/100Mbit/s auto-negotiation on all ports
- Support full/half-duplex mode on all ports
- Auto-MDI/MDIX on each port
- Self learning active MAC addresses up to 8K entries
- 19" rack mountable
- Status LEDs for Power and Link/Activity and Speed of each port
- Dimensions (LxWxH): 283 x 178 x 45 mm
- **Contents:** Switch, power cable, 19" mounting kit, manual

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	Order-No. – Packing Unit
ROLINE Fast Ethernet 19" Switch, 16 Ports	21.14.3120 – 5
ROLINE Fast Ethernet 19" Switch, 24 Ports	21.14.3129 – 5

## VALUE Gigabit Ethernet Switches

- The VALUE Gigabit Ethernet switches are ideal as network centres for small to medium sized fast LANs. The Gigabit Ethernet ports can be connected to a server and sub-networks.
- 5 resp. 8x 10/100/1000Mbit/s RJ-45 ports, each with auto-negotiation and full-duplex mode for 1000Mbit/s
  - Auto-MDI/MDIX recognition on all ports
  - Store and forward switching with 112/144KB data buffer
  - Stores up to 1/4K MAC addresses

- Supports flow control and back-pressure according to IEEE 802.3x
- Dimensions (WxDxH):  
21.99.3517: 108 x 84 x 29 mm  
21.99.3519: 158 x 106 x 26 mm
- **Contents:** Switch, power supply, manual

**Value**



	Order-No. – Packing Unit
VALUE Gigabit Ethernet Switch, 5 Ports	21.99.3517 – 10
VALUE Gigabit Ethernet Switch, 8 Ports	21.99.3519 – 10

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## ROLINE Gigabit Ethernet Switch, Pocket

- This product is compact in size, making it ideal for SOHO users with limited space to strengthen its network connection.
- 4x 10/100/1000BaseTX ports
  - Very compact, metal pocket size casing
  - Auto-MDI/MDIX
  - Auto-negotiation

- Store and forward switching
- Non-blocking
- MAC addresses: 1K
- Power supply: 5 VDC 1.2A or over USB connection from the PC
- **Contents:** Switch, power supply, USB power cable, manual

	Order-No. – Packing Unit
ROLINE Gigabit Ethernet Switch, Pocket, 4 Ports	21.14.3514 – 4

## ROLINE Gigabit Ethernet Switches

- The ROLINE Gigabit Ethernet switches are ideal as network centres for small to medium sized fast LANs. The gigabit ethernet ports can be connected to a server and sub-networks.
- 5 resp. 8x 10/100/1000Mbit/s ports
  - Provides store and forward architecture, full wire speed filtering and forwarding rates
  - Supports auto-MDI/MDIX, full/half-duplex modes and auto-negotiation on all ports
  - Supports flow control: back pressure for half-duplex mode, IEEE 802.3x for full-duplex mode
  - Automatic source address learning and aging
  - Stores up to 1K (21.14.3511) resp. 4K (21.14.3512) MAC addresses
  - Supports Jumbo Frame in all three speeds (10/100/1000Mbit/s)
  - Front-panel diagnostic LEDs
  - Dimensions (WxDxH):  
127 x 86 x 30 mm (21.14.3511)  
155 x 100 x 25 mm (21.14.3512)
  - **Contents:** Switch, power supply, manual

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	Order-No. – Packing Unit
ROLINE RS-5000D Gigabit Ethernet Switch, 5 Ports	21.14.3511 – 5
ROLINE RS-8000D Gigabit Ethernet Switch, 8 Ports	21.14.3512 – 5

## ROLINE Gigabit Ethernet Switches

- The ROLINE 16-port Gigabit Ethernet switch is ideal as network centre for small to medium sized fast LANs. The Gigabit Ethernet ports can be connected to a server and sub-networks.
- Provides 16 resp. 24x 10/100/1000 Mbit/s Gigabit Ethernet ports
  - All ports support auto-negotiation and auto-MDI/MDIX detection
  - Supports full/half-duplex transfer mode for 10/100Mbit/s, Supports full-duplex transfer mode for 1000Mbit/s
  - Store and forward switching
  - Self learning active MAC addresses up to 8K entries
  - Supports IEEE 802.3x flow control for full-duplex mode and backpressure flow control for half-duplex mode

- Status LEDs for Power and Link/Activity and Speed of each port
- 19" rack mountable
- Dimensions (WxDxH): 280 x 180 x 44 mm
- **Contents:** Switch, power cord, 19" rack mount kit, driver CD, manual



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	Order-No. – Packing Unit
ROLINE Gigabit Ethernet Switch, 16 Ports	21.14.3515 – 1
ROLINE Gigabit Ethernet Switch, 24 Ports	21.14.3513 – 3

## ROLINE Gigabit Switch with Mini GBIC slot

### 21.14.3506:

This Gigabit switch allows the transfer of data over Gigabit Ethernet through copper or fibre optical connections.

- Connections: 5x shielded RJ-45 ports and 1x mini GBIC modular slot (fibre optical)
- Mini GBIC port enables the installation of one SX/LC module (21.14.3500)
- Supports auto-negotiation, full-duplex mode and auto-MDI/MDIX detection
- Supports store and forward switching

- Dimensions (WxDxH): 144 x 105 x 26 mm
- Power supply over included external power adapter
- **Contents:** Switch, power supply, CD (manual)

### 21.14.3500 Mini GBIC Modul SX/LC:

- The maximum cable length for the fibre optic cable is 220 m (62.5/125  $\mu\text{m}$  fibre) and 500 m (50/125  $\mu\text{m}$  fibre)



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	Order-No. – Packing Unit
ROLINE Gigabit Switch, 5x RJ-45 + 1 Mini GBIC port	21.14.3506 – 1
ROLINE Mini GBIC Modul SX/LC	21.14.3500 – 1

## ROLINE Gigabit Converters, RJ-45 to Fiber Optic

Convert a fiber optic (FX) signal into a Twisted Pair (TP) signal. And we offer you the according SX/LC module.

- Connections: 1x RJ-45 on the TP side / 1x (21.13.1069) resp. 2x (21.13.1067) Mini GBIC modular slot on the fibre optical side
- Compliant with 1000BaseT and 1000BaseSX/LX Gigabit Ethernet standards
- TP port supports full-duplex, auto-MDI/MDIX, auto-negotiation
- Each SFP slot supports both singlemode and multimode, or mixed

- Link Loss Forwarding (LLF) / Link Fault Pass Through (LFP)
- Power supply over included external power supply
- **Contents:** Converter, power supply, CD

### 21.13.1069:

- Dimensions (WxDxH): 73 x 108 x 23 mm

### 21.13.1067:

- Dimensions (WxDxH): 74 x 102 x 22 mm

### 21.14.3500 Mini GBIC Modul SX/LC:

- The maximum cable length for the fibre optic cable is 220 m (62.5/125  $\mu\text{m}$  fibre) and 500 m (50/125  $\mu\text{m}$  fibre)



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	Order-No. – Packing Unit
ROLINE RC1000SX/LC Gigabit Converter, RJ-45 – LC	A 21.13.1069 – 5
ROLINE Gigabit Converter, RJ-45 – Mini GBIC	B 21.13.1067 – 2
ROLINE Mini GBIC Modul SX/LC	21.14.3500 – 1

## ROLINE Fast Ethernet Converters

- These converters are the ideal connectivity solution for networks using a combination of STP and fibre optic types
- Provides media conversion from STP to multimode ST or LC media types
- TP port: 10/100BaseTX (RJ-45) with auto-MDI/MDIX detection, auto negotiation, full/half-duplex support
- FX port: 100Base-FX, Duplex SC resp. ST, full-duplex
- For multimode fibre cable: 62.5/125  $\mu\text{m}$  and 50/125  $\mu\text{m}$
- Supports full wire speed conversion for 10/100Mbit/s speed and media types
- Supports DIN rail mounting and wall mounting

- Power over included power supply
- These converters have no repeater function
- **Contents:** Converter, power supply, manual

### 21.13.1070/71:

- Loop-back-test
- Configuration: TP Mode, TP Duplex, TP Speed
- Dimensions (WxDxH): 108 x 72 x 23 mm
- 6 LEDs: TP Speed, Link/Activity, Power, Duplex, Fiber Signal

### 21.13.1072/73:

- Dimensions (WxDxH): 64 x 59 x 21 mm
- 3 LEDs: TP Speed, Link/Activity, Power



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	Order-No. – Packing Unit
ROLINE Fast Ethernet Converter, RJ-45 to ST	21.13.1072 – 10
ROLINE Fast Ethernet Converter, RJ-45 to SC	21.13.1073 – 10
ROLINE RC-100FX/SC Fast Ethernet Converter, RJ-45 to SC	21.13.1071 – 5
ROLINE RC-100FX/ST Fast Ethernet Converter, RJ-45 to ST	21.13.1070 – 5

## ROLINE USB 2.0 Print Servers

The ROLINE print servers are a fine and cost-effective solution to integrate and share a USB printer in a network.

- For printers with USB interface
- All print servers support DHCP sever/client auto-detection for IP address assignment, auto-sensing network speed
- Web-based management allows an easy and efficient approach to setup and manage the print servers
- With TCP/IP and IPX multiple protocols support, the print servers are working in all leading network operating systems
- 25.15.6312, 25.15.6314: Multifunction print servers, support regular printers as well as multifunction printers and all-in-one printers (print, scan, card reader and fax sharing functions through a network)
- 25.15.6314: Compliant with IEEE 802.11b/g/n wireless LAN
- **Contents:** Print Server, power supply, driver CD, manual



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Technical data:	25.15.6306/25.15.6312	25.15.6314
Connectors printer:	1x USB Type A	1x USB Type A
Connectors network:	1x 10/100	1x 10/100, 1x W-LAN
Power supply:	7V DC, 700mA	5V DC, 1A

	Order-No. – Packing Unit
ROLINE RPU-110P, USB 2.0 Print Server, 1x USB	A 25.15.6306 – 20
ROLINE RMFPU-110P, USB 2.0 Multifunction Pr. Server, 1x USB	A 25.15.6312 – 10
ROLINE 11n W-LAN Multifunction Print Server, USB	B 25.15.6314 – 5

## ROLINE DSL / Broadband Router

The ROLINE DSL/broadband router allows a fast and easy connection to highspeed internet (e.g. DSL- or cable modem) for all users of a local network, which runs under PPPoE or PPTP.

Due to the built-in 4-port switch this router presents itself as a complete solution for small offices.

- TCP/IP router for internet access by xDSL or other highspeed internet access

- Built-in 4-port 10/100 switch
- Works as PPPoE client – for the communication over xDSL
- Supports PPTP
- Firewall functions: NAT, IP packet filter
- Web-based management
- Dimensions (WxDxH): 215 x 149 x 34 mm

- **Contents:** Router, power supply, CD, manual



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ROLINE RRB-104, DSL / Broadband Router

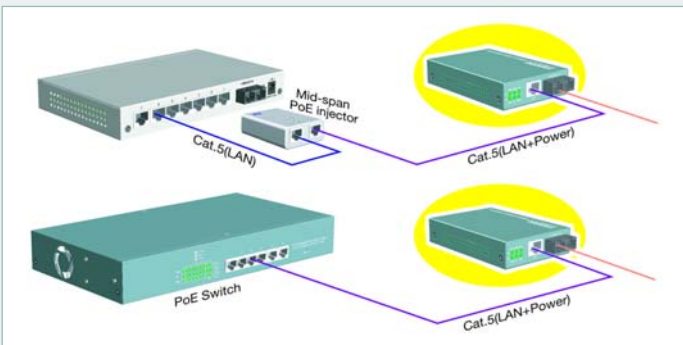
Order-No. – Packing Unit  
**21.14.2106 – 5**

## ROLINE RJ-45 to Fiber Fast Ethernet Converters (PoE)

**Convert a Twisted Pair (TP) signal into a fiber optic (FX) signal.**

- Supports 10Mbit/s and 100Mbit/s speed on TP connections. Power over Ethernet (PoE) compliant (IEEE 802.3af)
- Connectors: 1x 10/100Base-T RJ-45 on the TP side, 1x 100Base-FX on the fibre optical side
- Auto-negotiation and auto-MDI/MDIX detection. Range up to 2 km.
- Low power consumption (2 Watt)
- Power in: +5 V up to +57 VDC
- PoE via Cat.5 on RJ-45 port from PSE switch or injector, or power over included power supply (7.5 V, 500 mA)
- **Optional:** power supply over ROLINE External Power Cable, USB A to DC Plug (19.08.1001)

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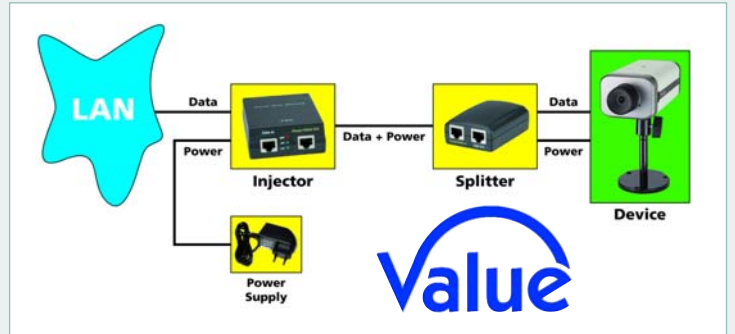


	Order-No. – Packing Unit
ROLINE RJ-45 to Fiber Fast Ethernet Converter (PoE) SC Type	<b>21.13.1145 – 5</b>
ROLINE RJ-45 to Fiber Fast Ethernet Converter (PoE) ST Type	<b>21.13.1146 – 5</b>
ROLINE External Power Cable, USB A to DC Plug, black 1 m	<b>19.08.1001 – 20</b>

## VALUE Power over Ethernet (PoE)

The VALUE Power over Ethernet injector and splitter provide non-PoE network devices as e.g. workgroup switches, access points, IP cameras, IP phones over an 8-wire network cable with data and power. For PoE capable network devices you only need the injector.

- Compliant with IEEE 802.3af
- Delivers power output of up to 15.4W
- Injector: for feeding the network cable with data and power
- Splitter: for connection to a powered device (PD) - e.g. an IP camera – that shall receive data and power



	Order-No. – Packing Unit
VALUE PoE Injector, 15.4W	<b>A 21.99.1491 – 5</b>
VALUE PoE Splitter	<b>B 21.99.1495 – 10</b>

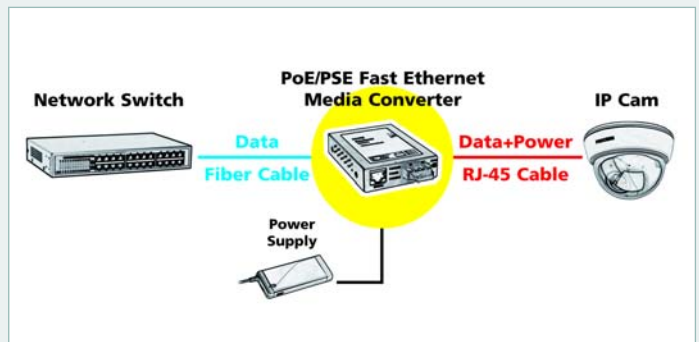
## ROLINE PoE/PSE Fast Ethernet Media Converter, SC Type

This Power Sourcing Equipment (PSE) converts a fiber optic (FX) signal into a Twisted Pair (TP) signal and offers Power over Ethernet (PoE) for the connected PoE device (e.g. IP camera, wireless access point).

- **Contents:** Media converter, power supply, manual on CD

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- Compliant with 10/100BaseTX, 100BaseFX, PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at) standards
- 1x 100BaseFX Ethernet Fiber port:
  - Supports Multi Mode
- 1x 10/100BaseTX Ethernet TP port:
  - Provides power to a powered device (PD) up to 25.5 W
  - Supports full/half-duplex, auto-MDI/MDIX, auto-negotiation
- Dimensions (WxDxH): 74 x 102 x 22 mm
- Power supplied over included external power supply



	Order-No. – Packing Unit
ROLINE PoE/PSE Fast Ethernet Media Converter, SC Type	<b>21.13.1148 – 2</b>

## ROLINE Power over Ethernet (PoE)

Designed for small or medium network environment to strengthen its network connection. These PoE devices combine 48V/DC power and data. Data transfer complies with IEEE 802.3af. It is used e. g. for workgroup switches, IP cameras, IP phones, wireless access points.

### Injector

- For feeding the network cable with data/power
- Connectors: 1x LAN-in port (data only), 1x power-in plug (power only), 1x LAN-out port (data + power)
- Compliant with IEEE 802.3af
- Power input: 48 VDC
- Casing: metal
- Dimensions (LxWxH): 102 x 75 x 23 mm
- 21.13.1192: 10/100Mbit/s Fast Ethernet injector, Power output: 48V/DC at full 15.4 W
- 21.13.1193: 10/100/1000Mbit/s Gigabit Ethernet injector, Power output: 48V/DC at full 25~30 W
- Contents: Injector, power supply, manual

### Splitter

- For connecting the powered device (PD) that shall receive data and power
- Connectors: 1x LAN-in port (data + power), 1x LAN-out port (data only), 1x power-out plug
- Power detection and classification
- Compliant with IEEE 802.3af
- Supports 5 V, 7.5 V, 9 V and 12 V output voltage
- Casing: metal
- Dimensions (LxWxH): 102 x 75 x 23 mm
- 21.13.1194: 10/100 Mbit/s Fast Ethernet Splitter, Power output: 5V/2A, 7.5V/1.4A, 9V/1.2A and 12V/0.9A
- 21.13.1195: 10/100/1000 Mbit/s Gigabit Ethernet Splitter, Power output: 5V/ 4A, 7.5V/ 2.7A, 9V/ 2.3A and 12V/ 1.8A
- Contents: Splitter, power cable, manual

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Order-No. – Packing Unit

ROLINE 10/100 PoE Injector, 15.4W		21.13.1192 – 2
ROLINE 10/100/1000 PoE Injector, 30W	A	21.13.1193 – 2
ROLINE 10/100 PoE Splitter		21.13.1194 – 2
ROLINE 10/100/1000 PoE Splitter	B	21.13.1195 – 2



## ROLINE PoE Fast Ethernet Switches

Designed for small or medium network environment to strengthen its network connection. This product is compact in size, making it ideal for desktop users with limited space. The switch features eight IEEE 802.3af Power over Ethernet (PoE) ports supplying up to 15.4 W per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over an existing LAN cable to power up IEEE 802.3af compliant network accessories like e. g. for workgroup switches, IP cameras, IP phones, wireless access points.

- 5 resp. 8x 10/100Mbit/s Fast Ethernet ports
- Thereof are 1, 4 resp. 8 ports 802.3af-compliant PoE-enabled PSE ports with up to 15.4 W power
- Auto-MDI/MDIX
- Auto-negotiation

- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides full wire speed forwarding
- Status LEDs
- Casing: metal
- Internal power supply
- Contents: Switch, power cord, manual

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Order-No. – Packing Unit

ROLINE PoE Fast Ethernet Switch, 5 Ports (1x PoE)		21.13.1190 – 2
ROLINE PoE Fast Ethernet Switch, 5 Ports (4x PoE)		21.13.1189 – 2
ROLINE PoE Fast Ethernet Switch, 130 W, 8 Ports		21.13.1191 – 2

## ROLINE PoE Extenders

These PoE extenders are designed for extending the distance between PSE (Power Sourcing Equipment) and PD (Powered Device) for another 100 m and cascading for longer distances via Cat.5 cable. It is powered by a PoE switch or PoE injector, so there is no extra power required.

- Extends the distance between PSE and PD for another 100 m (per extender) and cascading for longer distances
- Connectors: 1x LAN-in port for PoE injector (PSE), 1x LAN-out port for PoE splitter (PD)
- IEEE 802.3af PoE standard
- LED indicators, Casing: metal
- No extra power supply required
- Dimensions (LxWxH): 130 x 77 x 24 mm

- Contents: PoE Extender, manual

### 21.13.1197:

- Additionally with integrated 3-port 10/100Mbit/s Fast Ethernet switch
- For direct connection of 3 ethernet devices
- Power output: 48 VDC on one port
- Auto-MDI/MDIX, Auto-negotiation
- Store and forwarding

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Order-No. – Packing Unit

ROLINE PoE Extender, 2 Ports (1xPD + 1xPSE), 100 m		21.13.1196 – 2
ROLINE PoE Extender, 2 Ports (1xPD + 1xPSE), with 3-port Switch		21.13.1197 – 2

## ROLINE Fast Ethernet Switches for Industrial Environments

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- Fast Ethernet switch with 5/8 shielded 10/100 Base-T copper ports
- Wide operating temperature range for temperature critical environment
- Auto MDI/MDI-X crossover function
- Supports IEEE 802.3x flow control for full-duplex operation
- Supports back-pressure flow control for half-duplex operation
- Supports DIN-rail mounting and panel mounting
- Fanless, rugged metal casing
- Power: Input: 5 – 30 VDC, consumption: 2.15 W resp. 2.3 W (max.)
- As according power supply we recommend using 21.13.1226



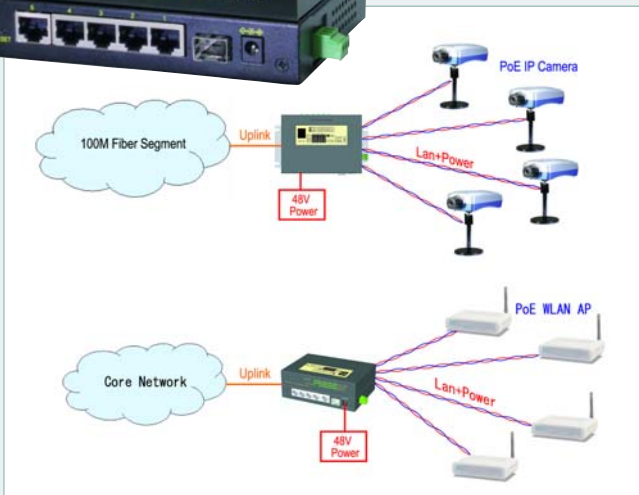
• **Contents:** Switch

	Order-No. – Packing Unit
ROLINE Industrial Switch, 5x RJ-45, unmanaged	21.13.1155 – 1
ROLINE Industrial Switch, 8x RJ-45, unmanaged	21.13.1156 – 1

## ROLINE Fast Ethernet PoE Switch for Industrial Environments

- Provides five 10/100Mbit/s fast ethernet copper ports
- All copper ports support auto-negotiation and auto-MDI/MDIX detection
- Provides full wire speed forwarding
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides four 802.3af compliant PoE enabled PSE ports
- DC input via terminal block or DC power jack
- Supports stand-alone, wall, DIN-Rail and panel mounting
- Industrial-rated emission and immunity performance
- For **non PoE** functionality we recommend to use: 21.13.1226 (24 VDC, 45 W)
- For **PoE** functionality we recommend to use: 21.13.1228 (48 VDC, 75 W)
- **Contents:** Switch, manual on CD

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	Order-No. – Packing Unit
ROLINE Industrial Fast Ethernet PoE Switch, 5 Ports	21.13.1170 – 10

## ROLINE Gigabit Ethernet Switch for Industrial Environments

- Provides five 10/100/1000Base-T ports and one 1000Base-SX port
- All copper ports support auto-negotiation and auto-MDI/MDIX detection
- VLAN, QoS, port control
- Provides port link aggregation (trunking) function
- Provides port mirroring function
- Industrial-rated emission and immunity performance

- Power: Input: 5-30 VDC, consumption: 3.6 W (max.)
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226

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	Order-No. – Packing Unit
ROLINE Gigabit Industrial Switch, 5x RJ-45, 1x LC, managed	21.13.1160 – 1

## ROLINE Fast Ethernet Switches with Fiber Port for Industrial Environments

- Eight fast ethernet copper ports and optional fiber ports
- Port 7 and Port 8 provide either 10/100BaseT or 100BaseFX (model dependent)
- All copper ports support auto-negotiation and auto-MDI/MDIX configuration
- Unmanaged switches for industrial environments
- Provides wire speed store and forward switching
- Wide operating temperature range for temperature critical environment
- Industrial-rated emission and immunity performance
- Fanless, extra rugged metal housing
- Support DIN rail mounting and panel mounting
- As according power supply we recommend using DIN-rail power supply unit 21.13.1228

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	Order-No. – Packing Unit
ROLINE Industrial Switch, 7x RJ-45, 1x ST, unmanaged	21.13.1151 – 1
ROLINE Industrial Switch, 7x RJ-45, 1x SC, unmanaged	21.13.1152 – 1
ROLINE Industrial Switch, 6x RJ-45, 2x ST, unmanaged	21.13.1153 – 1
ROLINE Industrial Switch, 6x RJ-45, 2x SC, unmanaged	21.13.1154 – 1

## ROLINE Converter for Industrial Environments, RS232 – Multimode Optical Fiber

- Transparent conversion for all RS-232 signals
- Designed for industrial environments
- RS-232 surge, ESD, and isolation protection
- DIN-rail and panel mounting support
- Wide power voltage range support
- Terminal block and DC plug power connectors
- Wide operating temperature range
- Industrial-rated emission and immunity performance
- Fanless, rugged metal housing
- Power: Input: 7-30 VDC
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226



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Order-No. – Packing Unit

ROLINE Industrial Converter RS232 – Multimode Optical Fiber, ST	<b>21.13.1140 – 1</b>
ROLINE Industrial Converter RS232 – Multimode Optical Fiber, SC	<b>21.13.1141 – 1</b>

## ROLINE Converter for Industrial Environments 1000Base-T – 1000Base-SX, Multimode

- Provides direct media conversion for gigabit copper and gigabit fiber
- Supports transparent conversion of any packet types with no packet length limitation. Supports full wire speed conversion.
- Provides link pass through between copper and fiber link. Auto-MDI/MDIX.
- Low power consumption. Two power interface types: screw terminal block & DC plug
- Supports DIN-rail mounting and optional screwed plane mounting
- Fanless, rugged metal casing
- Power: input: 7-30 VDC, consumption: 2 W (max.)



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Order-No. – Packing Unit

ROLINE Industrial Converter RJ-45, LWL 1000SX/LC	<b>21.13.1144 – 1</b>
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## ROLINE 3G Broadband Router

### Router features:

- Supports xDSL and 3G WAN access and Auto Failed Over
- Supports UMTS/HSDPA Mobile Internet Service
- NAT/NAPT IP sharing
- Obtains WAN IP by PPPoE/Static IP/PPTP/DHCP
- Virtual Server/DMZ/Port Forwarding
- Supports special applications (Port Triggers)
- Supports DDNS (DynDNS, TZO)
- VPN pass through (IPSec/PPTP)
- Anti-Dos Firewall
- DHCP Server
- Web User Interface (remote configuration)
- System status and security logs
- Integrated 4-port switch
- Firmware upgrade

### Wireless features:

- Complies with 2.4GHz IEEE 802.11g/b standards and forward compatible with IEEE 802.11n Draft 2.0
- 64/128-bit WEP Encryption, WPA-PSK, WPA2-PSK Security
- High speed data rate – up to 150Mbit/s
- Supports WMM function to meet the multimedia data bandwidth requirement
- Supports WPS function for easy wireless association
- Supports several wireless modes: AP, AP Client, Bridge, WDS and Universal Repeater

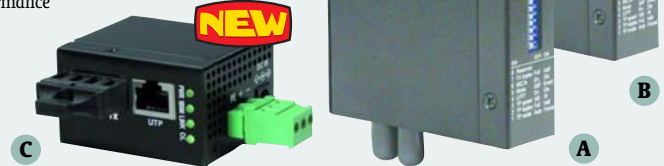
Order-No. – Packing Unit

ROLINE 3G Broadband Router	<b>21.18.1745 – 5</b>
----------------------------	-----------------------

## ROLINE Converter for Industrial Environments, 10/100Base-T – Multimode Optical Fiber

- Support full wire speed copper-to-fiber media conversion for 10/100Mbit/s speed and media types. Support auto-negotiation 10/100Mbit/s or forced mode on TP copper port. Auto MDI/MDIX. Provide comprehensive manual configuration settings. Transparent conversion to 802.1Q VLAN tagged packets.
- Low power consumption. Two power interface types: screw terminal block & DC plug
- Supports DIN-rail mounting and optional screwed plane mounting
- Industrial-rated emission and immunity performance

- Fanless, rugged metal casing
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226



Order-No. – Packing Unit

ROLINE Industrial Converter 10/100Base-T – Multimode Optical Fiber, ST	<b>A 21.13.1142 – 1</b>
ROLINE Industrial Converter 10/100Base-T – Multimode Optical Fiber, SC	<b>B 21.13.1143 – 1</b>
ROLINE Industrial Mini Converter, 10/100TX – 100FX (SC)	<b>C 21.13.1147 – 1</b>

## KORENIX DIN-Rail Power Supply Unit

- Type: constant current limiting

- DIN-rail mounting
- LED indication



<b>Technical data:</b>	<b>21.13.1226</b>	<b>21.13.1228</b>
Output voltage:	24 VDC	48 VDC
Output current:	0 to 2 A	0 to 1.6 A
Output power:	45 W	75 W
Input:	85...264 VAC	85...264 VAC
Dimensions (mm):	78 x 93 x 67	55.5 x 125.2 x 100



Order-No. – Packing Unit

KORENIX 45W 27V DC DIN-Rail Power Supply Unit	<b>A 21.13.1226 – 1</b>
KORENIX 75W 48V DC DIN-Rail Power Supply Unit	<b>B 21.13.1228 – 1</b>



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## ROLINE Wireless LAN Products

- Compatible with IEEE 802.11n standard with up to 150Mbit/s resp. 300Mbit/s
- Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK for high level of security
- Downwards compatible with 2.4 GHz 802.11b/g standards (up to 54 Mbit/s)

### ROLINE W-LAN Broadband Routers

- Built-in 4-port switch
- Support WMM function
- Support WPS function for easy wireless connection
- NAT/NAPT IP sharing
- Obtain WAN IP by PPPoE/Static IP/PPTP/DHCP
- Virtual Server and DMZ function
- Support DDNS, VPN pass through
- Anti-DoS firewall
- DHCP server

### ROLINE W-LAN USB Adapters:

- Support USB 2.0/1.1 interface
- Support QoS-WMM, WMM-PS
- Support WPS (WiFi Protected Setup)
- 21.18.1752: Extra small size – useful for connection with notebooks, internal antenna
- 21.18.1753: External 3dBi dipole antenna for a better data transmission



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	Order-No. – Packing Unit
ROLINE RWRB-150, 11b/g/n compatible W-LAN Broadband Router, 150Mbit/s	<b>A 21.18.1750 – 5</b>
ROLINE RWRB-n, 11n W-LAN Broadband Router, 300Mbit/s	<b>B 21.18.1744 – 5</b>
ROLINE 11b/g/n compatible W-LAN USB Adapter, 150Mbit/s, Micro	<b>C 21.18.1752 – 5</b>
ROLINE 11b/g/n compatible W-LAN USB Adapter, 150Mbit/s, with Antenna	<b>D 21.18.1753 – 5</b>

## ROLINE Wireless LAN Antennas

**Technical data:**  
**21.18.1640**  
 Vertical: 360°  
 Horizontal: 360°  
 Polarisation: vertical  
 Transmit power: 5 dBi  
 Connector: RP-SMA M with swivel joint  
 Dimensions WxD (mm): 165 x 13  
 Antenna type: Bipol, omnidirectional



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**RP-SMA M**

	Order-No. – Packing Unit
ROLINE RWANT-2405, Bipol Antenna (direct Connection)	<b>A 21.18.1640 – 10</b>
ROLINE RWANT-2405, Bipol Antenna (Base Stand)	<b>B 21.18.1641 – 10</b>

## VALUE Wireless Digital Surveillance Camera Set

Home security system with a wireless digital camera and a USB receiver for connection to a computer. Monitoring and recording with up to four cameras in quad mode.

- Built-in microphone, Motion detector video recording, CMOS VGA Digital Image Sensor
- MPEG4 format recording and JPEG image capture. Plug & play USB receiver.
- Wireless range: up to 100 m without physical barriers

- **Contents:** Camera, USB receiver, camera holder, driver and software CD, manual

**Note: Additional wireless digital cameras (21.99.1631) for the VALUE Wireless Digital Surveillance Camera Set can be ordered separately!**

**Technical data:**  
 Video resolution: up to 640 x 480, 0.3 Megapixel  
 Sensitivity: 6.0 V/(Lux-sec)  
 Lens: f = 3.6 mm  
 View angle: 92°  
 Angle adjustment: 0°, 90°, 180°, 270°  
 Audio: Built-in microphone  
 Wireless transceiver: Frequency: 2402MHz ~ 2483MHz  
 Camera Power consumption: 5 V DC, 400 mA (max.)  
 Dimensions: Camera: 82 x 67 x 39 mm  
 USB dongle: 87 x 33 x 13 mm  
 Antenna: Built-in Antenna  
 Sender and receiver: Omni directional Antenna



	Order-No. – Packing Unit
VALUE Wireless Digital Surveillance Camera Set	<b>21.99.1630 – 5</b>
VALUE Wireless Digital Camera (for 21.99.1630)	<b>21.99.1631 – 5</b>

## ROLINE IP Cameras

The user can access the internet camera from a remote site via intranet or internet. Function configuration including image monitoring, recording images to a hard drive, viewing up to 4 cameras on one screen, snapshots and so on.

- Supports dual mode: MPEG4 and Motion-JPEG image video
- 21.18.1762 supports wireless standard IEEE 802.11b/g/n
- Includes easy-to-use Viewer & Recorder utility to view up to 16 cameras simultaneously on one screen
- Auto sending video by E-mail and FTP

- Multi-area motion detection
- CMOS sensor
- Supported Operating Systems: Windows 2000 / XP / Vista / 7
- **Contents:** Camera, power supply, camera stand, software CD, manual

**Technical data:**  
 LAN port: 10/100Mbit/s  
 W-LAN port: 150Mbit/s (only 21.18.1762)  
 Video resolution: up to 640 x 480 dpi  
 Video frame rate: 30 fps  
 Power supply: 5 VDC, 1 A



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	Order-No. – Packing Unit
ROLINE IP Camera	<b>21.18.1761 – 5</b>
ROLINE W-LAN IP Camera, 150 Mbit/s	<b>21.18.1762 – 5</b>

## VALUE Dummy Cameras with LED

**Fake security cameras can help you to deter burglars:** Use these dummy cameras in combination with your security cameras to make it look like you have more surveillance than you do.

- Realistic look
- Red LED flashlight that can be seen at night
- CCTV (Closed-circuit television) sticker for an authentic presentation
- Requires 2 batteries (not included)

- **Contents:** Camera, mounting material, CCTV sticker



	Order-No. – Packing Unit
VALUE Dummy Dome Camera with LED Flashlight	<b>A 21.99.1625 – 1</b>
VALUE Dummy IR Outdoor Camera with LED Flashlight	<b>B 21.99.1626 – 1</b>
VALUE Dummy Indoor Camera with LED Flashlight	<b>C 21.99.1627 – 1</b>



## VIVOTEK Network Cameras

VIVOTEK offers a wide range of professional and cost-effective network cameras and gives you the ability to create and maintain an effective and reliable IP surveillance system. Utilizing VIVOTEK's state-of-the-art IP network cameras, users can build a completely scalable, high performance wired or wireless IP surveillance system that can effectively monitor and protect valuable assets.

VIVOTEK's advanced codec technology allows you to easily view, control and manage all networked cameras using any standard web

browser or surveillance management software – that is enclosed to the content of every VIVOTEK camera – from any networked computer.

All VIVOTEK IP cameras include a free software for replay and recording of up to 32 VIVOTEK IP cameras/video servers resp. you can download the actual version for free.

Detailed technical data sheets are available for download on our homepage.



	Order-No.	– Packing Unit
VIVOTEK FD8134, Mini Fixed Dome Network Camera ...	A	21.19.1326 – 1
VIVOTEK FD8134V, Vandal-proof Mini Fixed Dome Netw. Cam...	B	21.19.1336 – 1
VIVOTEK FD8161, Day/Night Fixed Dome Network Camera ...	C	21.19.1307 – 1
VIVOTEK FD8162, Day/Night Fixed Dome Network Camera ...	D	21.19.1369 – 1
VIVOTEK FD8362E, Day/Night Fixed Dome Network Camera ...	E	21.19.1371 – 1
VIVOTEK FE8171V, Vandal-proof Day/Night Fisheye Netw. Cam...	F	21.19.1367 – 1
VIVOTEK IP7361, Day/Night Network Camera ...	G	21.19.1301 – 1
VIVOTEK IP8132, Compact Network Camera ...	H	21.19.1327 – 1
VIVOTEK IP8162P, Network Camera, Supreme Series ...	I	21.19.1339 – 1
VIVOTEK IP8330, Bullet Network Camera ...	K	21.19.1317 – 1
VIVOTEK IP8331, Bullet Network Camera ...	L	21.19.1368 – 1
VIVOTEK IP Camera IP8332, Bullet Network Camera ...	K	21.19.1318 – 1
VIVOTEK IP8352, Network Camera, Supreme Series ...	M	21.19.1340 – 1
VIVOTEK IP8362, Network Camera, Supreme Series ...	M	21.19.1341 – 1
VIVOTEK MD7560, Day/Night Mini Fixed Dome Network Cam...	N	21.19.1320 – 1
VIVOTEK SD8121, Speed Dome Network Camera ...	O	21.19.1330 – 1
VIVOTEK SD8362E, Speed Dome Network Camera ...	P	21.19.1372 – 1

Order-No.	Model	Sensor	Lens	Resolution	Zoom	Frames per Sec	Digital I/O	PoE	Specials
21.19.1326	FD8134	1/4 CMOS	3.6 mm	1280x800	4x dig.	up to 25	yes (DI)	Yes	IR LED. IR Cut
21.19.1336	FD8134V	1/4 CMOS	3.6 mm	1280x800	4x dig.	up to 25	yes (DI)	Yes	IR LED. IR Cut. Outdoor (IP66)
21.19.1307	FD8161	1/3.2 CMOS	3 – 9 mm	1600x1200	ePTZ	up to 15	yes	yes	IR LED. IR Cut
21.19.1369	FD8162	1/2.7 CMOS	3 – 9 mm	1920x1080	ePTZ	up to 25	yes	Yes	IR LED. IR Cut
21.19.1371	FD8362E	1/2.7 CMOS	3 – 9 mm	1920x1080	ePTZ	up to 25	yes	Yes	IR LED. IR Cut. Smart Focus System. Outdoor IP66
21.19.1367	FE8171V	1/2 CMOS	1.27 mm	2048x1536	ePTZ	up to 12	yes	Yes	360 Grad. IR. Cut. Outdoor (IP66). SDXC
21.19.1301	IP7361	1/3.2 CMOS	3 – 9 mm	1600x1200	ePTZ	up to 15	yes	yes	IR LED. IR Cut. Outdoor (IP66)
21.19.1327	IP8132	1/4 CMOS	3.45 mm	1280x800	4x dig.	up to 25	yes	nein	Privacy Button
21.19.1339	IP8162P	1/2.7 CMOS	3.1 – 8 mm	1920x1080	ePTZ	up to 25	yes	Yes	P-Iris. SDHC. BNC
21.19.1317	IP8330	1/4 CMOS	4 mm	640x480	4x dig.	up to 60	yes (DI)	Yes	IR LED. IR Cut. Outdoor (IP66)
21.19.1368	IP8331	1/4 CMOS	4 mm	640x480	4x dig.	up to 25	yes (DI)	Yes	IR LED. Outdoor (IP66)
21.19.1318	IP8332	1/4 CMOS	3.6 mm	1280x800	4x dig.	up to 25	yes (DI)	Yes	IR LED. IR Cut. Outdoor (IP66)
21.19.1340	IP8352	1/3 CMOS	3 – 9 mm	1280x1024	4x dig.	up to 25	yes	Yes	IR LED. IR Cut. Outdoor (IP67)
21.19.1341	IP8362	1/2.7 CMOS	3 – 9 mm	1920x1080	ePTZ	up to 25	yes	Yes	IR Cut. IR LED. Outdoor (IP67)
21.19.1320	MD7560	1/3.2 CMOS	2.8 mm	1600x1200	ePTZ	up to 15	yes (DI)	yes	Outdoor (IP67)
21.19.1330	SD8121	1/4 SONY EXview HAD CCD	3.8 – 45.6 mm	704x576	12x opt.	up to 25	yes	nein	IR Cut. 360° Endlosrotation
21.19.1372	SD8362E	1/3 Sony CMOS	4.7 – 94 mm	1920x1080	20x opt.	up to 25	yes	Yes (802.3at)	WDR. IR Cut. SDHC. EIS. Outdoor (IP66)

## Accessories for Network Cameras

We offer you a wide range of accessories – like e.g. camera enclosures, lenses and IR LEDs – from our assortment. Here you can find some

enclosures. More accessories for the network cameras are available on request.

	Order-No.	– Packing Unit
Professional Outdoor Camera Enclosure TPH5000/080, with Power Sup.	A	21.19.1089 – 1
Outdoor Camera Enclosure KD2-6HT, with Power Supply, transparent	B	21.19.1310 – 1
Outdoor Camera Enclosure KD2-6HT, with Power Supply, smoked	B	21.19.1311 – 1

Order-No.	Model	Description	Suitable for
21.19.1089	TPH5000/080	outdoor camera encl., heater, fan, 12V power sup.	Vivotek IP7130/7160/7161/8151/8151P/8161/8162/8162P, SONY SNC-CH120/140/220/240, SANTEC SNC-3901MDN
21.19.1310	KD2-6T/HT	dome outdoor enclosure, transparent glass	Vivotek PT7135/37, PZ7121/22, PZ7131/32, PZ8121, PZ8121W
21.19.1311	KD2-6S/HT	dome outdoor enclosure, smoked glass	Vivotek PT7135/37, PZ7121/22, PZ7131/32, PZ8121, PZ8121W



## VALUE Cat.5e UTP Cable, Solid Wire

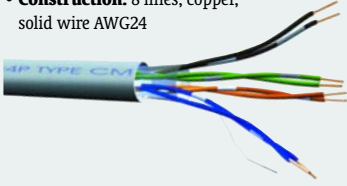
- Structured building wiring
- Impedance: 100 Ω
- 3P certified
- Length: 300 m
- Colour: Grey
- **Construction (21.15.0518/11):** 8 lines, copper, solid wire AWG24



For a structured cabling system we recommend to use the following components:

VALUE Cat.5e UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0595  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)  
 VALUE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.99.0349 (black), 26.99.0347 (light grey)  
 VALUE Cat.5e UTP Patch Cord, grey, 5 m: 21.99.0505

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.



Order-No. – Packing Unit

VALUE UTP Cable Cat.5e, Solid Wire, AWG24	300 m	<b>21.99.0595 – 2</b>
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## VALUE Cat.5e FTP Cable, Solid Wire

- Structured building wiring
- Impedance: 100 Ω
- 3P certified
- Length: 300 m
- Colour: Grey
- **Construction (21.15.0009/10):** 8 lines, copper, solid wire AWG24



For a structured cabling system we recommend to use the following components:

VALUE Cat.5e UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0595  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
 VALUE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.99.0328 (black), 26.99.0329 (light grey)  
 VALUE Cat.5e FTP Patch Cord, grey, 5 m: 21.99.0105

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.



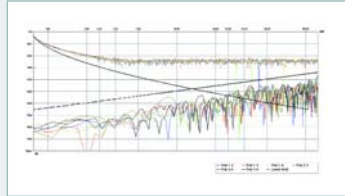
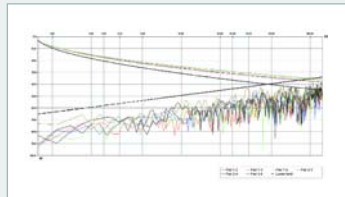
Order-No. – Packing Unit

VALUE FTP Cable Cat.5e, Solid Wire	300 m	<b>21.99.0195 – 2</b>
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## ROLINE Cat.5e FTP Cable, Solid/Stranded Wire

- Structured building wiring
- Impedance: 100 Ω
- 3P certified
- Colour: Grey
- **Construction (21.15.0009/10):** 8 lines, copper, solid wire AWG24, screening: alu-laminated foil
- **Construction (21.15.0119/21):** 8 lines, copper, stranded wire AWG26, screening: alu-laminated foil
- Diagram: attenuation / near end crosstalk

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1327a-04-D.



For a structured cabling system we recommend to use the following components:

ROLINE Cat.5e FTP Cable, Solid Wire, AWG24: 21.15.0009 (100 m), 21.15.0010 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)  
 ROLINE Cat.5e FTP Patch Cord, grey, 5 m: 21.15.0105



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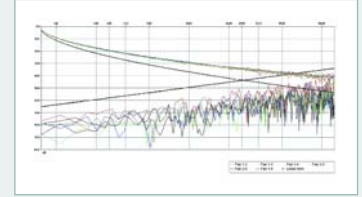
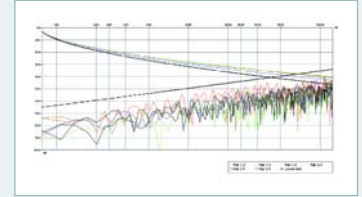
Order-No. – Packing Unit

ROLINE FTP Cable Cat.5e, Solid Wire	100 m	<b>21.15.0009 – 2</b>
ROLINE FTP Cable Cat.5e, Stranded Wire	100 m	<b>21.15.0119 – 2</b>
ROLINE FTP Cable Cat.5e, Solid Wire	300 m	<b>21.15.0010 – 1</b>
ROLINE FTP Cable Cat.5e, Stranded Wire	300 m	<b>21.15.0121 – 1</b>

## ROLINE Cat.5e UTP Cable, Solid/Stranded Wire

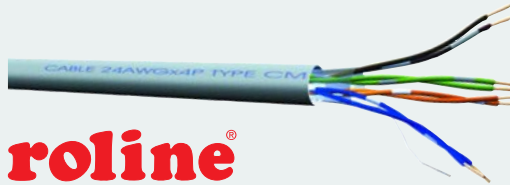
- Structured building wiring
- Impedance: 100 Ω
- 3P verified
- Colour: Grey
- **Construction (21.15.0512/11):** 8 lines, copper, solid wire AWG24
- **Construction (21.15.0518/20):** 8 lines, copper, stranded wire AWG24
- Diagram: attenuation / near end crosstalk

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1325a-04-D.



For a structured cabling system we recommend to use the following components:

ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey)  
 ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505



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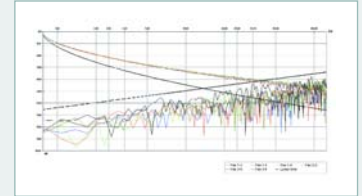
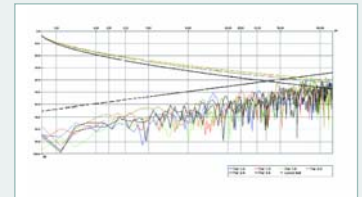
Order-No. – Packing Unit

ROLINE UTP Cable Cat.5e, Solid Wire	100 m	<b>21.15.0512 – 2</b>
ROLINE UTP Cable Cat.5e, Stranded Wire	100 m	<b>21.15.0518 – 2</b>
ROLINE UTP Cable Cat.5e, Solid Wire	300 m	<b>21.15.0511 – 1</b>
ROLINE UTP Cable Cat.5e, Stranded Wire	300 m	<b>21.15.0520 – 1</b>

## ROLINE Cat.5e S/FTP Cable, Solid/Stranded Wire

- Structured building wiring
- Impedance: 100 Ω
- 3P certified
- Colour: Grey
- **Construction (21.15.0019/20):** 8 lines, copper, solid wire AWG24, screening: alu-laminated foil, shielding: copper braid
- **Construction (21.15.0319/21):** 8 lines, copper, stranded wire AWG26, screening: alu-laminated foil, shielding: copper braid
- Diagram: attenuation/near end crosstalk

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1326a-04-D.



For a structured cabling system we recommend to use the following components:

ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24: 21.15.0019 (100 m), 21.15.0020 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)  
 ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305



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Order-No. – Packing Unit

ROLINE S/FTP Cable Cat.5e, Solid Wire	100 m	<b>21.15.0019 – 2</b>
ROLINE S/FTP Cable Cat.5e, Stranded Wire	100 m	<b>21.15.0319 – 2</b>
ROLINE S/FTP Cable Cat.5e, Solid Wire	300 m	<b>21.15.0020 – 1</b>
ROLINE S/FTP Cable Cat.5e, Stranded Wire	300 m	<b>21.15.0321 – 1</b>

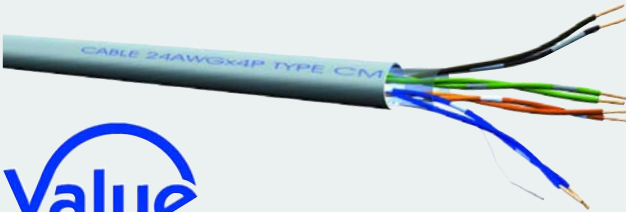
## VALUE Cat.6 UTP Cable, Solid Wire

- Structured building wiring
- Impedance: 100 Ω
- 3P certified
- Colour: Grey
- **Construction:** 8 lines, copper, solid wire AWG24

VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)  
 VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905

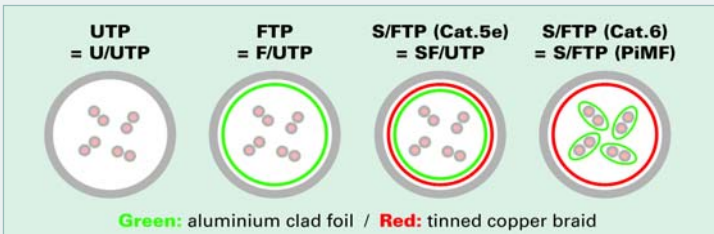
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

**For a structured cabling system we recommend to use the following components:**  
 VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995  
 VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394



Order-No. – Packing Unit

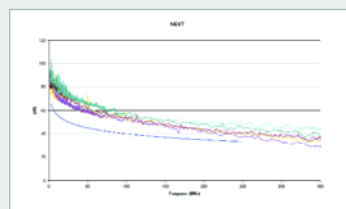
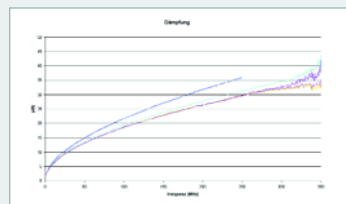
VALUE UTP Cable Cat.6, Solid Wire, AWG24 300 m **21.99.0995 – 2**



## ROLINE Cat.6 S/FTP (PiMF) Cable, Solid Wire

- Structured building wiring
- Impedance: 100 Ω
- Colour: Grey
- **Construction:**
  - 8 lines, solid copper wire, AWG23
  - pairs shielded with aluminium foil
  - complete shielding in tinned copper braid
- **21.15.1889: halogen-free (LSZH)**

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount)/ z2364b-10-E (with surface mount).



**For a structured cabling system we recommend to use the following components:**  
 ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)  
 ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)  
 ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black)  
 ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835



Order-No. – Packing Unit

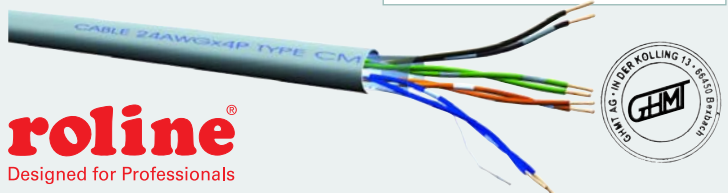
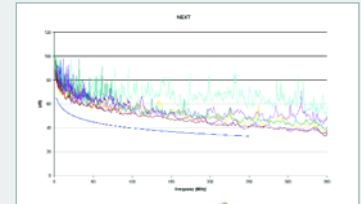
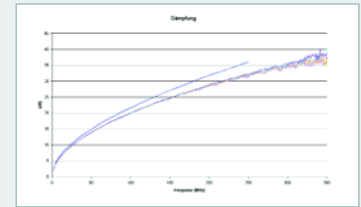
ROLINE S/FTP-(PiMF) Cable Cat.6 / Class E Solid Wire, AWG23 100 m **21.15.0890 – 5**  
 ROLINE S/FTP-(PiMF) Cable Cat.6 / Class E Solid Wire, AWG23 300 m **21.15.0891 – 1**  
 ROLINE S/FTP Cable Cat.6, Solid Wire, AWG23, halogen-free 300 m **21.15.1889 – 1**

## ROLINE Cat.6 UTP Cable, Solid Wire

- Structured building wiring
- Impedance: 100 Ω
- Colour: Grey
- **Construction:** 8 lines, copper, solid wire AWG23
- **21.15.1789: halogen-free (LSZH)**

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount)/ z2330b-10-E (with surface mount).

**For a structured cabling system we recommend to use the following components:**  
 ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)  
 ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)  
 ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black)  
 ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935

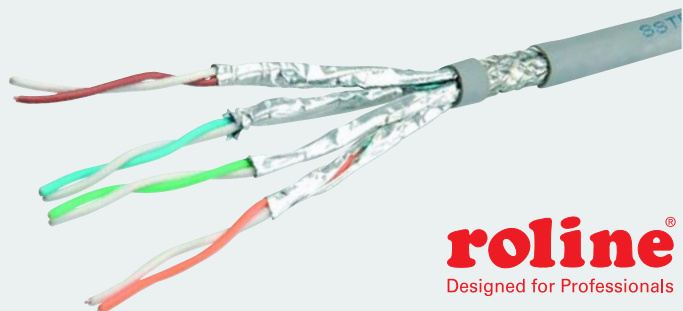
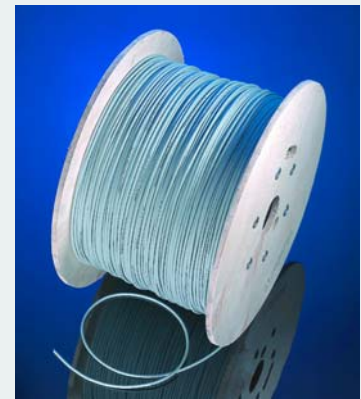


Order-No. – Packing Unit

ROLINE UTP Cable Cat.6, Solid Wire, AWG23 100 m **21.15.0990 – 2**  
 ROLINE UTP Cable Cat.6, Solid Wire, AWG23 300 m **21.15.0991 – 1**  
 ROLINE UTP Cable Cat.6, Solid Wire, AWG24, halogen-free 300 m **21.15.1789 – 1**

## ROLINE S/FTP (PiMF) Cable Cat.7, Solid Wire

- Structured building wiring
- Impedance: 100 Ω
- Colour: Grey
- **21.15.0004: halogen-free (LSZH)**
- **Construction:**
  - 8 lines, solid copper wire, AWG23
  - pairs shielded with aluminium foil
  - complete shielding in tinned copper braid



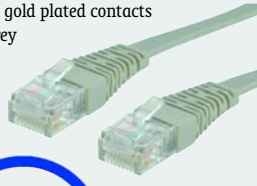
Order-No. – Packing Unit

ROLINE S/FTP PiMF Cable Cat.7, Solid Wire 100 m **21.15.0001 – 5**  
 ROLINE S/FTP PiMF Cable Cat.7, Solid Wire 300 m **21.15.0003 – 1**  
 ROLINE S/FTP PiMF Cable Cat.7, Solid Wire, halogen-free 300 m **21.15.0004 – 1**

## VALUE UTP Flat Network Cable, grey

- Prepared cable with unshielded RJ-45 plug on both ends
- Durable cables thanks to kink protection
- Extra flat cable for special applications
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- Construction: internal line 8 wires

- Plug with gold plated contacts
- Colour: grey



Order-No. – Packing Unit

VALUE UTP Flat Network Cable, grey	0.5 m	21.99.0980 – 40
VALUE UTP Flat Network Cable, grey	1 m	21.99.0981 – 40
VALUE UTP Flat Network Cable, grey	2 m	21.99.0982 – 40
VALUE UTP Flat Network Cable, grey	3 m	21.99.0983 – 40
VALUE UTP Flat Network Cable, grey	5 m	21.99.0984 – 40

## ROLINE Retractable Flat LAN Cable for Notebooks

- For a fast network connection without any cable hassle, ideal for travellers
- Flat cable with two unshielded RJ-45 connectors
- In housing with auto-roll-extender, stretches out to a total length of 2 m
- Length scales in inches and centimetres printed on cable
- Cable colour: Black



Order-No. – Packing Unit

ROLINE Retractable Flat UTP LAN Cable for Notebooks	2 m	21.15.0591 – 20
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## VALUE Cat.5e FTP Patch Cords

- Prepared cable with screened RJ-45 plug on both ends incl. kink protection
- Connection cable for a structured building cabling
- Impedance: 100 Ω
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- **Construction:** Internal line 8 wires copper wire
- Complete screening: aluminium laminated foil
- Colour: Grey



Order-No. – Packing Unit

VALUE FTP Patch Cord Cat.5e, grey	0.5 m	21.99.0100 – 250
VALUE FTP Patch Cord Cat.5e, grey	1.0 m	21.99.0101 – 200
VALUE FTP Patch Cord Cat.5e, grey	2.0 m	21.99.0102 – 150
VALUE FTP Patch Cord Cat.5e, grey	3.0 m	21.99.0103 – 100
VALUE FTP Patch Cord Cat.5e, grey	5.0 m	21.99.0105 – 70
VALUE FTP Patch Cord Cat.5e, grey	7.0 m	21.99.0107 – 50
VALUE FTP Patch Cord Cat.5e, grey	10.0 m	21.99.0110 – 40
VALUE FTP Patch Cord Cat.5e, grey	15.0 m	21.99.0115 – 25
VALUE FTP Patch Cord Cat.5e, grey	20.0 m	21.99.0120 – 20

## VALUE Cat.5e UTP Patch Cords

- Prepared cable with unshielded RJ-45 plug on both ends incl. kink protection
- Connection cable for a structured building cabling
- Impedance: 100 Ω
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- **Construction:** Internal line 8 wires copper wire
- Colour: Grey

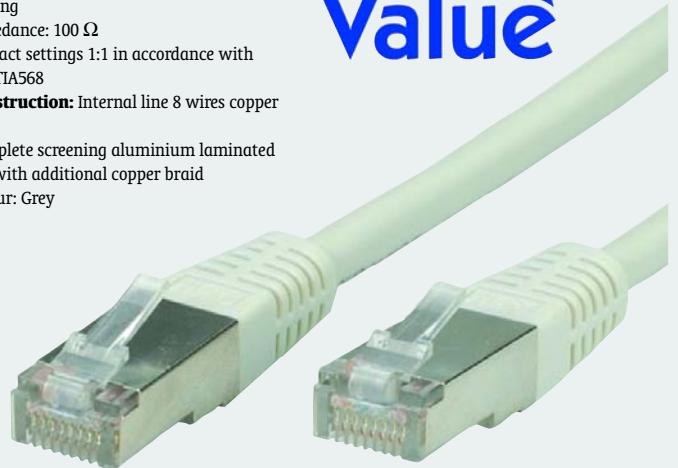


Order-No. – Packing Unit

VALUE UTP Patch Cord Cat.5e, grey	0.5 m	21.99.0500 – 250
VALUE UTP Patch Cord Cat.5e, grey	1.0 m	21.99.0501 – 200
VALUE UTP Patch Cord Cat.5e, grey	2.0 m	21.99.0502 – 150
VALUE UTP Patch Cord Cat.5e, grey	3.0 m	21.99.0503 – 100
VALUE UTP Patch Cord Cat.5e, grey	5.0 m	21.99.0505 – 70
VALUE UTP Patch Cord Cat.5e, grey	7.0 m	21.99.0507 – 50
VALUE UTP Patch Cord Cat.5e, grey	10.0 m	21.99.0510 – 40
VALUE UTP Patch Cord Cat.5e, grey	15.0 m	21.99.0515 – 25
VALUE UTP Patch Cord Cat.5e, grey	20.0 m	21.99.0520 – 20

## VALUE Cat.5e S/FTP Patch Cords

- Prepared cable with screened RJ-45 plug on both ends incl. kink protection
- Connection cable for a structured building cabling
- Impedance: 100 Ω
- Contact settings 1:1 in accordance with EIA/TIA568
- **Construction:** Internal line 8 wires copper wire
- Complete screening aluminium laminated foil with additional copper braid
- Colour: Grey



Order-No. – Packing Unit

VALUE S/FTP Patch Cord Cat.5e, grey	0.5 m	21.99.0300 – 250
VALUE S/FTP Patch Cord Cat.5e, grey	1.0 m	21.99.0301 – 200
VALUE S/FTP Patch Cord Cat.5e, grey	2.0 m	21.99.0302 – 150
VALUE S/FTP Patch Cord Cat.5e, grey	3.0 m	21.99.0303 – 100
VALUE S/FTP Patch Cord Cat.5e, grey	5.0 m	21.99.0305 – 70
VALUE S/FTP Patch Cord Cat.5e, grey	7.0 m	21.99.0307 – 50
VALUE S/FTP Patch Cord Cat.5e, grey	10.0 m	21.99.0310 – 40
VALUE S/FTP Patch Cord Cat.5e, grey	15.0 m	21.99.0315 – 25
VALUE S/FTP Patch Cord Cat.5e, grey	20.0 m	21.99.0320 – 20

## ROLINE Cat.5e UTP Patch Cords

- Structured building wiring
- Impedance: 100 Ω
- Prepared cable with unshielded RJ-45 plug on both ends
- Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
- **Construction:** Internal line 8 wires copper wire
- Colours (cable and connectors): Grey, red, yellow, green, blue, black

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Box, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey)  
 ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1325a-04-D.

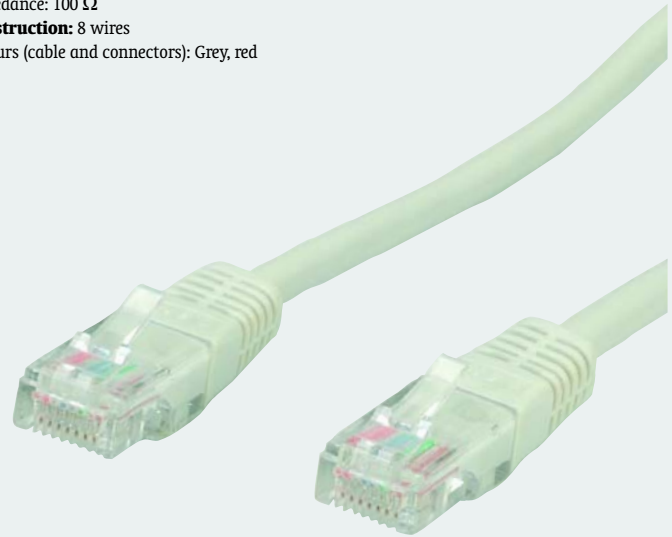


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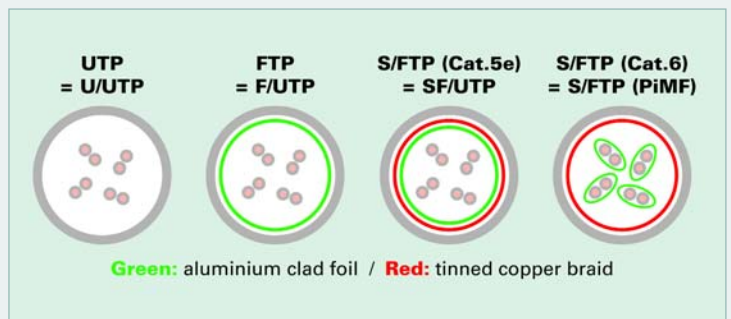
## ROLINE Cat.5e UTP Patch Cords Crossover

- Prepared UTP connection cable with crimped RJ-45 connectors on both sides
- Crossed version for special applications such as the cascading of hubs/switches or for direct connection between two PCs
- Very flexible cable
- Impedance: 100 Ω
- **Construction:** 8 wires
- Colours (cable and connectors): Grey, red

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		Order-No. – Packing Unit
ROLINE UTP Patch Cord Cat.5e, crossover, grey	0.5 m	<b>21.15.0600 – 100</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	1.0 m	<b>21.15.0601 – 100</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	2.0 m	<b>21.15.0602 – 100</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	3.0 m	<b>21.15.0603 – 50</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	5.0 m	<b>21.15.0605 – 50</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	10.0 m	<b>21.15.0610 – 40</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	15.0 m	<b>21.15.0615 – 30</b>
ROLINE UTP Patch Cord Cat.5e, crossover, grey	20.0 m	<b>21.15.0620 – 20</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	0.5 m	<b>21.15.0621 – 100</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	1.0 m	<b>21.15.0631 – 100</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	2.0 m	<b>21.15.0641 – 100</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	3.0 m	<b>21.15.0651 – 50</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	5.0 m	<b>21.15.0661 – 50</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	10.0 m	<b>21.15.0671 – 40</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	15.0 m	<b>21.15.0681 – 30</b>
ROLINE UTP Patch Cord Cat.5e, crossover, red	20.0 m	<b>21.15.0691 – 20</b>



Length	grey	red	yellow	green	blue	black	Packing Unit
0.5 m	21.15.0500	21.15.0521	21.15.0522	21.15.0523	21.15.0524	21.15.0525	– 100
1.0 m	21.15.0501	21.15.0531	21.15.0532	21.15.0533	21.15.0534	21.15.0535	– 100
2.0 m	21.15.0502	21.15.0541	21.15.0542	21.15.0543	21.15.0544	21.15.0545	– 100
3.0 m	21.15.0503	21.15.0551	21.15.0552	21.15.0553	21.15.0554	21.15.0555	– 50
5.0 m	21.15.0505	21.15.0561	21.15.0562	21.15.0563	21.15.0564	21.15.0565	– 50
7.0 m	21.15.0507						– 50
10.0 m	21.15.0510	21.15.0421	21.15.0422	21.15.0423	21.15.0424	21.15.0425	– 40
15.0 m	21.15.0515	21.15.0431	21.15.0432	21.15.0433	21.15.0434	21.15.0435	– 30
20.0 m	21.15.0519	21.15.0441	21.15.0442	21.15.0443	21.15.0444	21.15.0445	– 20

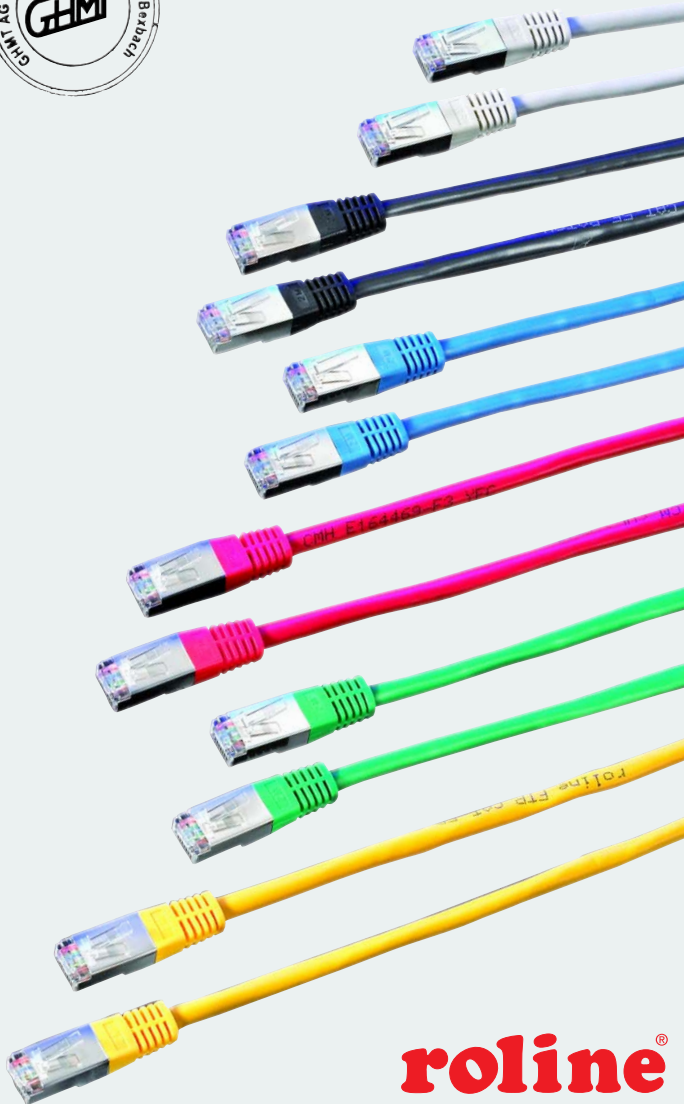
## ROLINE Cat.5e FTP Patch Cords

- Structured building wiring
- Impedance: 100 Ω
- Prepared cable with screened RJ-45 plug on both ends incl. kink protection
- Contact settings 1:1 in accordance with EIA/TIA568
- **Construction:** Internal line 8 wires copper wire
- Complete screening aluminium laminated foil with additional copper braid
- Colours (cable and connectors): Grey, red, yellow, green, blue, black

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.5e FTP Cable, Solid Wire, AWG24:  
 21.15.0009 (100 m), 21.15.0010 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)  
 ROLINE Cat.5e FTP Patch Cord, grey, 5 m: 21.15.0105

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1327a-04-D.



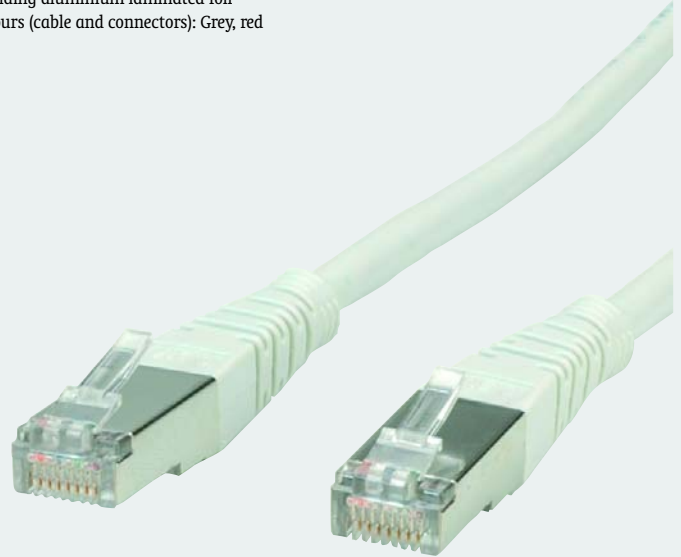
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Length	grey	red	yellow	green	blue	black	Packing Unit
0.5m	21.15.0100	21.15.0181	21.15.0182	21.15.0183	21.15.0184	21.15.0185	- 100
1.0m	21.15.0101	21.15.0131	21.15.0132	21.15.0133	21.15.0134	21.15.0135	- 100
2.0m	21.15.0102	21.15.0141	21.15.0142	21.15.0143	21.15.0144	21.15.0145	- 100
3.0m	21.15.0103	21.15.0151	21.15.0152	21.15.0153	21.15.0154	21.15.0155	- 50
5.0m	21.15.0105	21.15.0161	21.15.0162	21.15.0163	21.15.0164	21.15.0165	- 50
7.0m	21.15.0107						- 50
10.0m	21.15.0110	21.15.0451	21.15.0452	21.15.0453	21.15.0454	21.15.0455	- 40
15.0m	21.15.0115	21.15.0461	21.15.0462	21.15.0463	21.15.0464	21.15.0465	- 30
20.0m	21.15.0120	21.15.0471	21.15.0472	21.15.0473	21.15.0474	21.15.0475	- 20

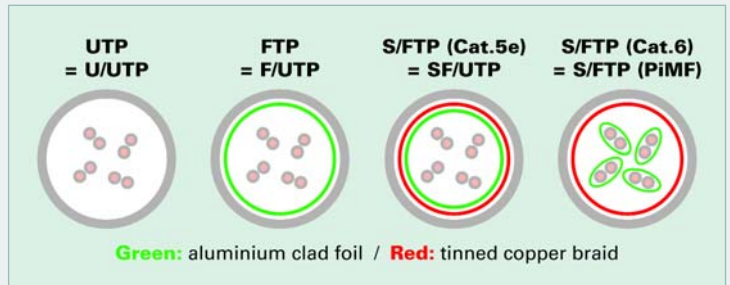
## ROLINE Cat.5e FTP Patch Cords Crossover

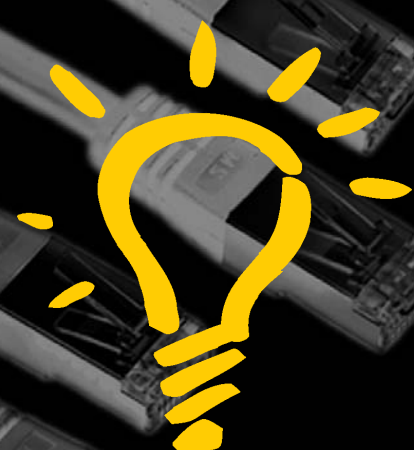
- Structured building wiring
- Prepared cable with shielded RJ-45 connectors on both ends, incl. kink protection
- Crossed version for special applications such as the cascading of hubs/switches or for the direct connection between two PCs
- **Construction:** 8 wires copper; complete shielding aluminium laminated foil
- Colours (cable and connectors): Grey, red

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	Order-No. - Packing Unit
ROLINE FTP Patch Cord Cat.5e, crossover, grey	0.5 m <b>21.15.0200 - 100</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	1.0 m <b>21.15.0201 - 100</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	2.0 m <b>21.15.0202 - 100</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	3.0 m <b>21.15.0203 - 50</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	5.0 m <b>21.15.0205 - 50</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	10.0 m <b>21.15.0210 - 40</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	15.0 m <b>21.15.0215 - 30</b>
ROLINE FTP Patch Cord Cat.5e, crossover, grey	20.0 m <b>21.15.0220 - 20</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	0.5 m <b>21.15.0221 - 100</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	1.0 m <b>21.15.0231 - 100</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	2.0 m <b>21.15.0241 - 100</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	3.0 m <b>21.15.0251 - 50</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	5.0 m <b>21.15.0261 - 50</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	10.0 m <b>21.15.0271 - 40</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	15.0 m <b>21.15.0281 - 30</b>
ROLINE FTP Patch Cord Cat.5e, crossover, red	20.0 m <b>21.15.0291 - 20</b>





# roline

## ROLINE Cat.5e S/FTP Patch Cords

- Structured building wiring
- Prepared cable with screened RJ-45 plug on both ends, incl. kink protection
- Impedance: 100 Ω
- Contact settings 1:1 in accordance with EIA/TIA568
- **Construction:** Internal line 8 wires copper wire
- Complete screening aluminium laminated foil with additional copper braid
- Colours (cable and connectors): Grey, red, yellow, green, blue, black

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24:  
 21.15.0019 (100 m), 21.15.0020 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)  
 ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1326a-04-D.

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# usif

Length	grey	red	yellow	green	blue	black	Packing Unit
0.5m	21.15.0300	21.15.0381	21.15.0382	21.15.0383	21.15.0384	21.15.0385	- 100
1.0m	21.15.0301	21.15.0331	21.15.0332	21.15.0333	21.15.0334	21.15.0335	- 100
2.0m	21.15.0302	21.15.0341	21.15.0342	21.15.0343	21.15.0344	21.15.0345	- 100
3.0m	21.15.0303	21.15.0351	21.15.0352	21.15.0353	21.15.0354	21.15.0355	- 50
5.0m	21.15.0305	21.15.0361	21.15.0362	21.15.0363	21.15.0364	21.15.0365	- 50
7.0m	21.15.0307						- 50
10.0m	21.15.0310	21.15.0721	21.15.0722	21.15.0723	21.15.0724	21.15.0725	- 40
15.0m	21.15.0315	21.15.0731	21.15.0732	21.15.0733	21.15.0734	21.15.0735	- 30
20.0m	21.15.0320	21.15.0741	21.15.0742	21.15.0743	21.15.0744	21.15.0745	- 20



## VALUE Cat.6 UTP Patch Cords

- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both sides
- Used as patch cable in wiring cabinet or as direct connection cable between devices
- Flexible cable suitable for narrow bending
- Impedance: 100 Ohm
- Contact settings 1:1, according to EIA/TIA 568, 8 wires
- **Construction:** 8 wires
- Colours (cable and connectors): grey, red, yellow, green, blue, black, white

**For a structured cabling system we recommend to use the following components:**  
 VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995  
 VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394  
 VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)  
 VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905  
 Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

Length	grey	red	yellow	green	blue	black	white	Packing Unit
0.5m	21.99.0900	21.99.1521	21.99.1522	21.99.1523	21.99.1524	21.99.1525	21.99.1526	- 250
1.0m	21.99.0901	21.99.1531	21.99.1532	21.99.1533	21.99.1534	21.99.1535	21.99.1536	- 200
1.5m	21.99.0950	21.99.0951	21.99.0952	21.99.0953	21.99.0954	21.99.0955	21.99.0956	- 150
2.0m	21.99.0902	21.99.1541	21.99.1542	21.99.1543	21.99.1544	21.99.1545	21.99.1546	- 150
3.0m	21.99.0903	21.99.1551	21.99.1552	21.99.1553	21.99.1554	21.99.1555	21.99.1556	- 100
5.0m	21.99.0905	21.99.1561	21.99.1562	21.99.1563	21.99.1564	21.99.1565	21.99.1566	- 70
7.0m	21.99.0907	21.99.1571	21.99.1572	21.99.1573	21.99.1574	21.99.1575	21.99.1576	- 50
10.0m	21.99.0910	21.99.1581	21.99.1582	21.99.1583	21.99.1584	21.99.1585	21.99.1586	- 40

## ROLINE Cat.6 UTP Patch Cords

- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both sides
- Used as patch cable in wiring cabinet or as direct connection cable between devices
- Flexible cable suitable for narrow bending
- Impedance: 100 Ω
- Contact settings 1:1, according to EIA/TIA 568, 8 wires
- **Construction:** 8 wires copper wire
- Colours (cable and connectors): Grey, red, yellow, green, blue, black, white

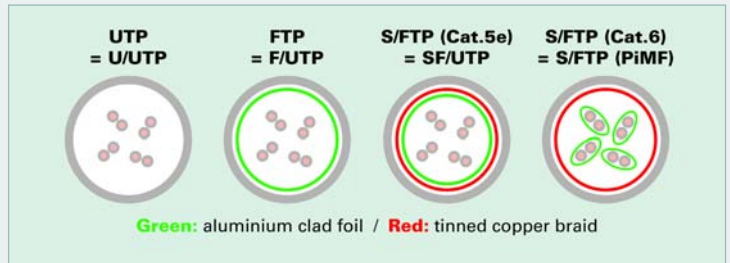
### ROLINE Halogen-free Cat.6 UTP Patch Cords (21.15.1730 and following)

**For a structured halogen-free cabling system we recommend to use the following components:**  
 ROLINE Cat.6 UTP Cable, Solid Wire, LSOH, 300 m: 21.15.1789  
 ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)  
 ROLINE Cat.6 Surface Mount Box, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black)  
 ROLINE Cat.6 UTP Patch Cord, LSOH, grey, 5 m: 21.15.1735

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

- Cable jacketing: LSOH – Low Smoke Zero Halogen – cable emits limited smoke and no halogens when exposed to high sources of heat

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount)/z2330b-10-E (with surface mount).



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Length	grey	red	yellow	green	blue	black	white	Packing Unit
0.3m	21.15.1510	21.15.1511	21.15.1512	21.15.1513	21.15.1514	21.15.1515	21.15.1516	- 50
0.5m	21.15.0930	21.15.1521	21.15.1522	21.15.1523	21.15.1524	21.15.1525	21.15.1526	- 100
1.0m	21.15.0931	21.15.1531	21.15.1532	21.15.1533	21.15.1534	21.15.1535	21.15.1536	- 100
1.5m	21.15.0923	21.15.0924	21.15.0925	21.15.0926	21.15.0927	21.15.0928	21.15.0929	- 100
2.0m	21.15.0932	21.15.1541	21.15.1542	21.15.1543	21.15.1544	21.15.1545	21.15.1546	- 100
3.0m	21.15.0933	21.15.1551	21.15.1552	21.15.1553	21.15.1554	21.15.1555	21.15.1556	- 50
5.0m	21.15.0935	21.15.1561	21.15.1562	21.15.1563	21.15.1564	21.15.1565	21.15.1566	- 50
7.0m	21.15.0937	21.15.1571	21.15.1572	21.15.1573	21.15.1574	21.15.1575	21.15.1576	- 50
10.0m	21.15.0940	21.15.1581	21.15.1582	21.15.1583	21.15.1584	21.15.1585	21.15.1586	- 40
15.0m	21.15.0945	21.15.1591	21.15.1592	21.15.1593	21.15.1594	21.15.1595	21.15.1596	- 30
20.0m	21.15.0950	21.15.1601	21.15.1602	21.15.1603	21.15.1604	21.15.1605	21.15.1606	- 20



Length	halogen-free, grey	Packing unit
0.5 m	21.15.1730	- 100
1 m	21.15.1731	- 100
2 m	21.15.1732	- 100
3 m	21.15.1733	- 50
5 m	21.15.1735	- 50
10 m	21.15.1740	- 40
15 m	21.15.1745	- 30
20 m	21.15.1750	- 20



## VALUE Cat.6 S/FTP (PiMF) Patch Cords



- Prepared shielded Twisted Pair cable with RJ-45 connectors on both sides
- Used as patch cable in wiring cabinet or as direct connection cable between devices
- Flexible cable suitable for narrow bending
- Contact settings 1:1, according to EIA/TIA 568, 8 wires
- **Construction:** 8 wires stranded copper wire
- Impedance: 100 Ω
- Colour: Grey, red, yellow, green, blue, black, white

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)  
 VALUE Cat.6 Flush/Surface Mount Wall Jack, shielded, white: 25.99.8492/25.99.8392  
 VALUE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.99.0353 (black), 26.99.0354 (grey)  
 VALUE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.99.0805

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

Length	grey	red	yellow	green	blue	black	white	Packing Unit
0.5 m	21.99.0800	21.99.1321	21.99.1322	21.99.1323	21.99.1324	21.99.1325	21.99.1326	- 250
1 m	21.99.0801	21.99.1331	21.99.1332	21.99.1333	21.99.1334	21.99.1335	21.99.1336	- 200
1.5 m	21.99.0811	21.99.0812	21.99.0813	21.99.0814	21.99.0815	21.99.0816	21.99.0817	- 150
2 m	21.99.0802	21.99.1341	21.99.1342	21.99.1343	21.99.1344	21.99.1345	21.99.1346	- 150
3 m	21.99.0803	21.99.1351	21.99.1352	21.99.1353	21.99.1354	21.99.1355	21.99.1356	- 100
5 m	21.99.0805	21.99.1361	21.99.1362	21.99.1363	21.99.1364	21.99.1365	21.99.1366	- 70
7 m	21.99.0807	21.99.1371	21.99.1372	21.99.1373	21.99.1374	21.99.1375	21.99.1376	- 50
10 m	21.99.0810	21.99.1381	21.99.1382	21.99.1383	21.99.1384	21.99.1385	21.99.1386	- 40

## ROLINE Cat.6 S/FTP (PiMF) Patch Cords



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 Designed for Professionals

- Connection cable for structured building cabling
- Impedance: 100 Ω
- Prepared cable with screened RJ-45 plug on both ends, incl. kink protection

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)  
 ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)  
 ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black)  
 ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount)/z2364b-10-E (with surface mount).

**ROLINE Halogen-free Cat.6 S/FTP (PiMF) Patch Cords** (21.15.1830 and following)

- **Construction:** 8 wires copper wire
- Pairs shielded with aluminium foil, complete shielding with copper braid

**For a structured halogen-free cabling system we recommend to use the following components:**

ROLINE Cat.6 S/FTP Cable, Solid Wire, LSOH, 300 m: 21.15.1889  
 ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)  
 ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black)  
 ROLINE Cat.6 S/FTP Patch Cord, LSOH, grey, 5 m: 21.15.1835

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

- Cable jacketing: LSOH – Low Smoke Zero Halogen – cable emits limited smoke and no halogens when exposed to high sources of heat

Length	grey	red	yellow	green	blue	black	white	Packing Unit
0.3m	21.15.1310	21.15.1311	21.15.1312	21.15.1313	21.15.1314	21.15.1315	21.15.1316	- 50
0.5 m	21.15.0830	21.15.1321	21.15.1322	21.15.1323	21.15.1324	21.15.1325	21.15.1326	- 100
1.0 m	21.15.0831	21.15.1331	21.15.1332	21.15.1333	21.15.1334	21.15.1335	21.15.1336	- 100
1.5 m	21.15.0823	21.15.0824	21.15.0825	21.15.0826	21.15.0827	21.15.0828	21.15.0829	- 100
2.0 m	21.15.0832	21.15.1341	21.15.1342	21.15.1343	21.15.1344	21.15.1345	21.15.1346	- 100
3.0 m	21.15.0833	21.15.1351	21.15.1352	21.15.1353	21.15.1354	21.15.1355	21.15.1356	- 50
5.0 m	21.15.0835	21.15.1361	21.15.1362	21.15.1363	21.15.1364	21.15.1365	21.15.1366	- 50
7.0 m	21.15.0837	21.15.1371	21.15.1372	21.15.1373	21.15.1374	21.15.1375	21.15.1376	- 50
10.0 m	21.15.0840	21.15.1381	21.15.1382	21.15.1383	21.15.1384	21.15.1385	21.15.1386	- 40
15.0 m	21.15.0845	21.15.1391	21.15.1392	21.15.1393	21.15.1394	21.15.1395	21.15.1396	- 30
20.0 m	21.15.0850	21.15.1401	21.15.1402	21.15.1403	21.15.1404	21.15.1405	21.15.1406	- 20

Length	halogen-free, grey	Packing Unit
0.5 m	21.15.1830	- 100
1 m	21.15.1831	- 100
2 m	21.15.1832	- 100
3 m	21.15.1833	- 50
5 m	21.15.1835	- 50
10 m	21.15.1840	- 40
15 m	21.15.1845	- 30
20 m	21.15.1850	- 20



**halogen-free  
 flame retardant  
 low smoke**

## VALUE Cat.6a Cabling

- The cheap solution for data transfer rates of up to 10 Gbit/s and a bandwidth of 500 MHz
- Assembling takes place over LSA plus
- Colour code on the keystone jacks is based on the standard EIA/TIA 568

**For a structured shielded Cat.6a cabling system we recommend to use the following components:**

VALUE Cat.6a S/FTP Cable, Solid Wire, 100 m: 21.99.0881  
 Flush Mount Wall Jack for Keystone: 25.16.8579  
 Surface Wall Mount Frame: 25.16.8484  
 VALUE Cat.6a Keystone, RJ-45, shielded: 26.99.0366

Cat.6a 19" Keystone Patch Panel: 26.11.0359  
 VALUE Cat.6a S/FTP Patch Cord, 5 m: 21.99.0865

Our in-house laboratory has tested these cable-plug combinations, in a Channel of 100 meters, in compliance with Class E specifications.



		Order-No. – Packing Unit
Flush Mount Wall Jack for Keystone, 2-port	A	25.16.8579 – 20
Surface Wall Mount Frame	B	25.16.8484 – 20
VALUE S/FTP Patch Cord Cat.6a, grey	0.5 m	21.99.0860 – 100
VALUE S/FTP Patch Cord Cat.6a, grey	1.0 m	21.99.0861 – 100
VALUE S/FTP Patch Cord Cat.6a, grey	2.0 m	21.99.0862 – 100
VALUE S/FTP Patch Cord Cat.6a, grey	3.0 m	21.99.0863 – 50
VALUE S/FTP Patch Cord Cat.6a, grey	5.0 m	21.99.0865 – 50
Keystone Blank Patch Panel, 24 Ports, shielded	light grey	26.11.0359 – 5
Keystone Blank Patch Panel, 24 Ports, shielded	black	26.11.0360 – 5
VALUE Cat.6a Keystone, RJ-45, shielded, silver		26.99.0366 – 20
VALUE S/FTP Cable Cat.6a, Solid Wire	100 m	21.99.0881 – 1

## ROLINE Cat.6a Cabling

- The Cat.6a keystones support data transfer rates of up to 10 Gbit/s and a bandwidth of 500 MHz
- Assembling takes place over LSA plus
- Colour code on the keystone jacks is based on the standard EIA/TIA 568

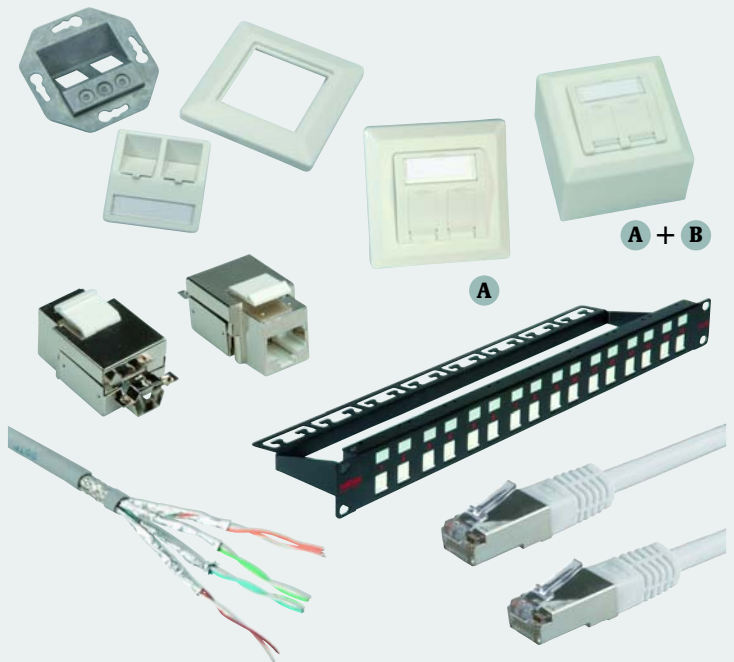
**For a structured unshielded Cat.6a cabling system we recommend to use the following components:**

ROLINE Cat.6a UTP Cable, Solid Wire, 300 m: 21.15.1681  
 ROLINE Flush Mount Wall Jack for Keystone: 25.16.8579  
 ROLINE Cat.6a Keystone, RJ-45, unshielded: 21.11.0335  
 ROLINE Cat.6a 19" Keystone Patch Panel: 26.11.0368  
 ROLINE Cat.6a UTP Patch Cord, 5 m: 21.15.1665

**For a structured shielded Cat.6a cabling system we recommend to use the following components:**

ROLINE Cat.6a S/FTP Cable, Solid Wire, 300 m: 21.15.0881  
 ROLINE Flush Mount Wall Jack for Keystone: 25.16.8579  
 ROLINE Cat.6a Keystone, RJ-45, shielded: 21.11.0366  
 ROLINE Cat.6a 19" Keystone Patch Panel: 26.11.0368  
 ROLINE Cat.6a S/FTP Patch Cord, 5 m: 21.15.0865

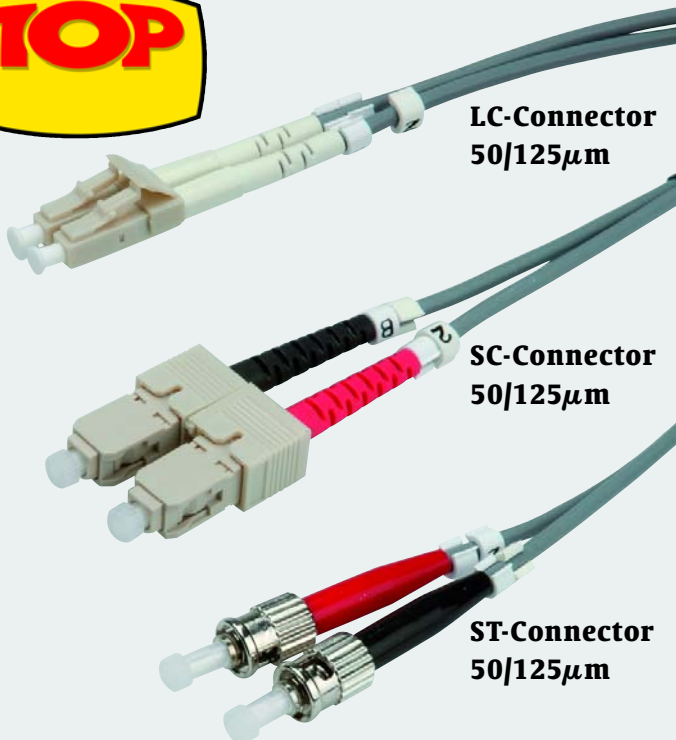
Our in-house laboratory has tested these cable-plug combinations, in a Channel of 100 meters, in compliance with Class E specifications.



		Order-No. – Packing Unit
ROLINE Flush Mounting Socket for Keystone, unloaded	A	25.16.8579 – 20
ROLINE Mounting Back Box	B	25.16.8484 – 20
ROLINE Cat.6a 19"-Keystone Patch Panel, 16 ports, black		26.11.0368 – 5
ROLINE Cat.6a Keystone, RJ-45, unshielded		26.11.0335 – 40
ROLINE UTP Cable Cat.6a, Solid Wire	300 m	21.15.1681 – 1
ROLINE UTP Patch Cord Cat.6a, grey	0.5 m	21.15.1660 – 100
ROLINE UTP Patch Cord Cat.6a, grey	1.0 m	21.15.1661 – 100
ROLINE UTP Patch Cord Cat.6a, grey	2.0 m	21.15.1662 – 100
ROLINE UTP Patch Cord Cat.6a, grey	3.0 m	21.15.1663 – 50
ROLINE UTP Patch Cord Cat.6a, grey	5.0 m	21.15.1665 – 50
ROLINE Cat.6a Keystone, RJ-45, shielded, silver		26.11.0366 – 40
ROLINE S/FTP Cable Cat.6a, Solid Wire	300 m	21.15.0881 – 1
ROLINE S/FTP Patch Cord Cat.6a, grey	0.5 m	21.15.0860 – 100
ROLINE S/FTP Patch Cord Cat.6a, grey	1.0 m	21.15.0861 – 100
ROLINE S/FTP Patch Cord Cat.6a, grey	2.0 m	21.15.0862 – 100
ROLINE S/FTP Patch Cord Cat.6a, grey	3.0 m	21.15.0863 – 50
ROLINE S/FTP Patch Cord Cat.6a, grey	5.0 m	21.15.0865 – 50

## VALUE Fibre Optic Jumper Cables 50/125µm

- Excellent price performance ratio
- Good characteristics in respect of insertion loss and reflection
- Duplex cables with fiber type 50/125µm
- **Cable construction:** Compact conductor, Kevlar tension reduction, PVC outer coating, Ø 2.8 x 6 mm
- Three different fiber connector types (LC, SC and ST) available in all varieties
- Color: Grey



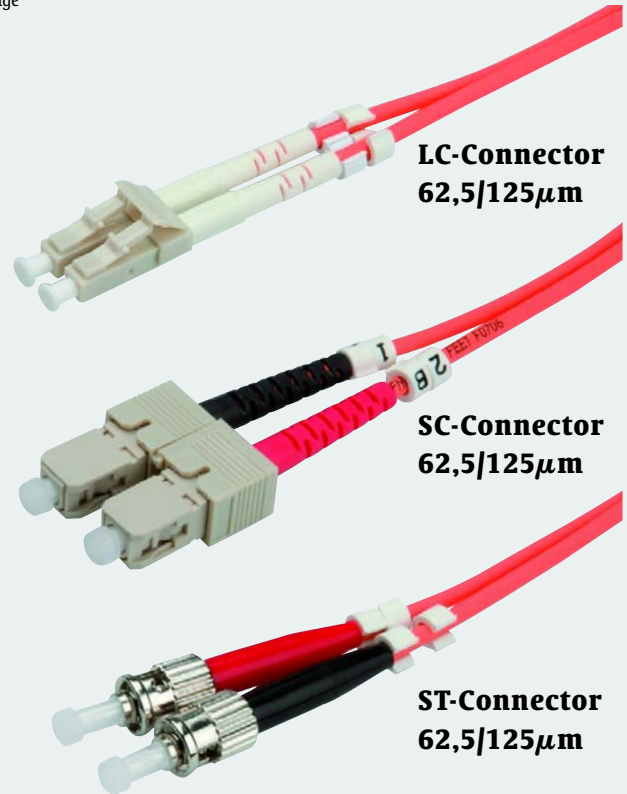
**LC-Connector  
50/125µm**

**SC-Connector  
50/125µm**

**ST-Connector  
50/125µm**

## VALUE Fibre Optic Jumper Cables 62.5/125µm

- Excellent price performance ratio
- Good characteristics in respect of insertion loss and reflection
- Duplex cables with fiber type 62.5/125µm
- **Cable construction:** Compact conductor, Kevlar tension reduction, PVC outer coating, Ø 2.8 x 6 mm
- Three different fiber connector types (LC, SC and ST) available in all varieties
- Color: Orange



**LC-Connector  
62,5/125µm**

**SC-Connector  
62,5/125µm**

**ST-Connector  
62,5/125µm**

		Order-No. – Packing Unit
VALUE FO Jumper Cable 50/125µm ST/SC, grey	0.5 m	21.99.9800 – 20
VALUE FO Jumper Cable 50/125µm ST/SC, grey	1.0 m	21.99.9801 – 40
VALUE FO Jumper Cable 50/125µm ST/SC, grey	2.0 m	21.99.9802 – 40
VALUE FO Jumper Cable 50/125µm ST/SC, grey	3.0 m	21.99.9803 – 40
VALUE FO Jumper Cable 50/125µm ST/SC, grey	5.0 m	21.99.9805 – 20
VALUE FO Jumper Cable 50/125µm SC/SC, grey	0.5 m	21.99.9900 – 20
VALUE FO Jumper Cable 50/125µm SC/SC, grey	1.0 m	21.99.9901 – 40
VALUE FO Jumper Cable 50/125µm SC/SC, grey	2.0 m	21.99.9902 – 40
VALUE FO Jumper Cable 50/125µm SC/SC, grey	3.0 m	21.99.9903 – 40
VALUE FO Jumper Cable 50/125µm SC/SC, grey	5.0 m	21.99.9905 – 20
VALUE FO Jumper Cable 50/125µm ST/ST, grey	0.5 m	21.99.9700 – 20
VALUE FO Jumper Cable 50/125µm ST/ST, grey	1.0 m	21.99.9701 – 40
VALUE FO Jumper Cable 50/125µm ST/ST, grey	2.0 m	21.99.9702 – 40
VALUE FO Jumper Cable 50/125µm ST/ST, grey	3.0 m	21.99.9703 – 40
VALUE FO Jumper Cable 50/125µm ST/ST, grey	5.0 m	21.99.9705 – 20
VALUE FO Jumper Cable 50/125µm LC/LC, grey	0.5 m	21.99.9750 – 20
VALUE FO Jumper Cable 50/125µm LC/LC, grey	1.0 m	21.99.9751 – 20
VALUE FO Jumper Cable 50/125µm LC/LC, grey	2.0 m	21.99.9752 – 20
VALUE FO Jumper Cable 50/125µm LC/LC, grey	3.0 m	21.99.9753 – 20
VALUE FO Jumper Cable 50/125µm LC/LC, grey	5.0 m	21.99.9755 – 10
VALUE FO Jumper Cable 50/125µm LC/ST, grey	0.5 m	21.99.9950 – 20
VALUE FO Jumper Cable 50/125µm LC/ST, grey	1.0 m	21.99.9951 – 20
VALUE FO Jumper Cable 50/125µm LC/ST, grey	2.0 m	21.99.9952 – 20
VALUE FO Jumper Cable 50/125µm LC/ST, grey	3.0 m	21.99.9953 – 20
VALUE FO Jumper Cable 50/125µm LC/ST, grey	5.0 m	21.99.9955 – 10
VALUE FO Jumper Cable 50/125µm LC/SC, grey	0.5 m	21.99.9850 – 20
VALUE FO Jumper Cable 50/125µm LC/SC, grey	1.0 m	21.99.9851 – 20
VALUE FO Jumper Cable 50/125µm LC/SC, grey	2.0 m	21.99.9852 – 20
VALUE FO Jumper Cable 50/125µm LC/SC, grey	3.0 m	21.99.9853 – 20
VALUE FO Jumper Cable 50/125µm LC/SC, grey	5.0 m	21.99.9855 – 10

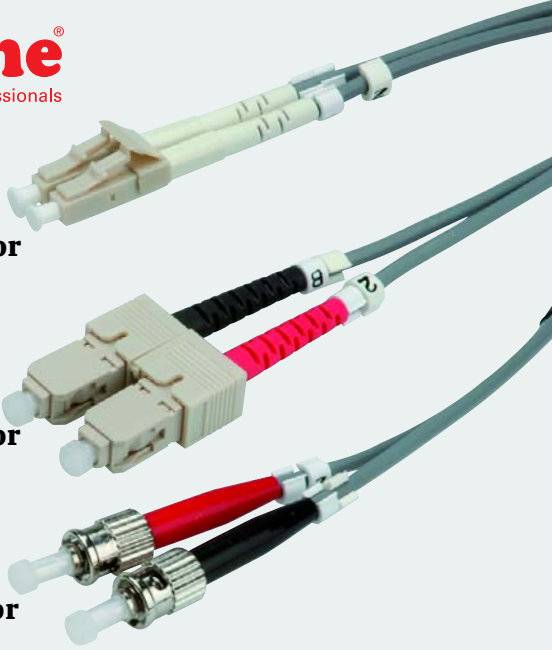
		Order-No. – Packing Unit
VALUE FO Jumper Cable 62,5/125µm ST/SC, orange	0.5 m	21.99.9200 – 20
VALUE FO Jumper Cable 62,5/125µm ST/SC, orange	1.0 m	21.99.9201 – 40
VALUE FO Jumper Cable 62,5/125µm ST/SC, orange	2.0 m	21.99.9202 – 40
VALUE FO Jumper Cable 62,5/125µm ST/SC, orange	3.0 m	21.99.9203 – 40
VALUE FO Jumper Cable 62,5/125µm ST/SC, orange	5.0 m	21.99.9205 – 20
VALUE FO Jumper Cable 62,5/125µm SC/SC, orange	0.5 m	21.99.9300 – 20
VALUE FO Jumper Cable 62,5/125µm SC/SC, orange	1.0 m	21.99.9301 – 40
VALUE FO Jumper Cable 62,5/125µm SC/SC, orange	2.0 m	21.99.9302 – 40
VALUE FO Jumper Cable 62,5/125µm SC/SC, orange	3.0 m	21.99.9303 – 40
VALUE FO Jumper Cable 62,5/125µm SC/SC, orange	5.0 m	21.99.9305 – 20
VALUE FO Jumper Cable 62,5/125µm ST/ST, orange	0.5 m	21.99.9400 – 20
VALUE FO Jumper Cable 62,5/125µm ST/ST, orange	1.0 m	21.99.9401 – 40
VALUE FO Jumper Cable 62,5/125µm ST/ST, orange	2.0 m	21.99.9402 – 40
VALUE FO Jumper Cable 62,5/125µm ST/ST, orange	3.0 m	21.99.9403 – 40
VALUE FO Jumper Cable 62,5/125µm ST/ST, orange	5.0 m	21.99.9405 – 20
VALUE FO Jumper Cable 62,5/125µm LC/LC, orange	0.5 m	21.99.9250 – 20
VALUE FO Jumper Cable 62,5/125µm LC/LC, orange	1.0 m	21.99.9251 – 20
VALUE FO Jumper Cable 62,5/125µm LC/LC, orange	2.0 m	21.99.9252 – 20
VALUE FO Jumper Cable 62,5/125µm LC/LC, orange	3.0 m	21.99.9253 – 20
VALUE FO Jumper Cable 62,5/125µm LC/LC, orange	5.0 m	21.99.9255 – 10
VALUE FO Jumper Cable 62,5/125µm LC/ST, orange	0.5 m	21.99.9450 – 20
VALUE FO Jumper Cable 62,5/125µm LC/ST, orange	1.0 m	21.99.9451 – 20
VALUE FO Jumper Cable 62,5/125µm LC/ST, orange	2.0 m	21.99.9452 – 20
VALUE FO Jumper Cable 62,5/125µm LC/ST, orange	3.0 m	21.99.9453 – 20
VALUE FO Jumper Cable 62,5/125µm LC/ST, orange	5.0 m	21.99.9455 – 10
VALUE FO Jumper Cable 62,5/125µm LC/SC, orange	0.5 m	21.99.9350 – 20
VALUE FO Jumper Cable 62,5/125µm LC/SC, orange	1.0 m	21.99.9351 – 20
VALUE FO Jumper Cable 62,5/125µm LC/SC, orange	2.0 m	21.99.9352 – 20
VALUE FO Jumper Cable 62,5/125µm LC/SC, orange	3.0 m	21.99.9353 – 20
VALUE FO Jumper Cable 62,5/125µm LC/SC, orange	5.0 m	21.99.9355 – 10

## ROLINE Fibre Optic Jumper Cables 50/125µm

- The quality of the connectors and fibres and an optimal assembly procedure lead to extremely good characteristics in respect of insertion loss and reflection
- Duplex cables with fiber type 50/125µm
- Three different fiber connector types (LC, SC and ST) available in all varieties
- Color: Grey

**Technical data:**

Conductor construction: Compact conductor (fibre movable in secondary coating)  
 Cable construction: Kevlar tension reduction  
 PVC outer coating  
 Ø 2.8 x 6.0 mm



**LC-Connector  
50/125µm**

**SC-Connector  
50/125µm**

**ST-Connector  
50/125µm**

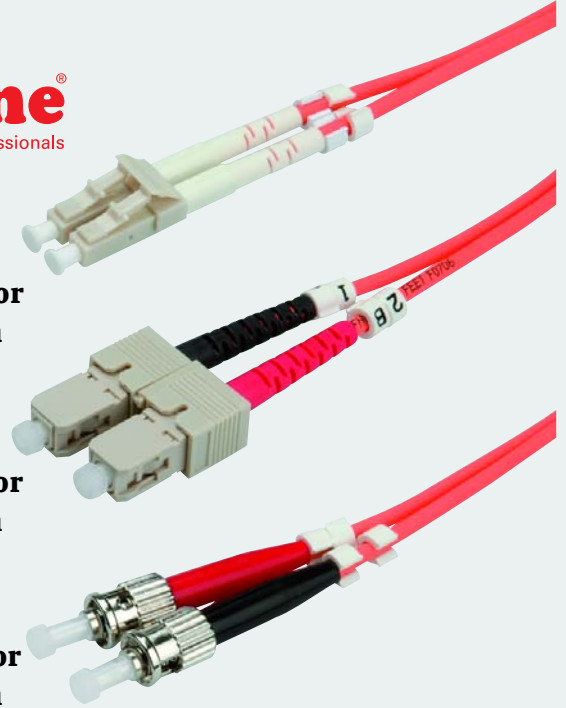
		Order-No. – Packing Unit
ROLINE FO Jumper Cable 50/125µm ST/SC, grey	0.5 m	<b>21.15.9800 – 20</b>
ROLINE FO Jumper Cable 50/125µm ST/SC, grey	1.0 m	<b>21.15.9801 – 40</b>
ROLINE FO Jumper Cable 50/125µm ST/SC, grey	2.0 m	<b>21.15.9802 – 40</b>
ROLINE FO Jumper Cable 50/125µm ST/SC, grey	3.0 m	<b>21.15.9803 – 40</b>
ROLINE FO Jumper Cable 50/125µm ST/SC, grey	5.0 m	<b>21.15.9805 – 20</b>
ROLINE FO Jumper Cable 50/125µm ST/SC, grey	10.0 m	<b>21.15.9811 – 10</b>
ROLINE FO Jumper Cable 50/125µm SC/SC, grey	0.5 m	<b>21.15.9900 – 20</b>
ROLINE FO Jumper Cable 50/125µm SC/SC, grey	1.0 m	<b>21.15.9901 – 40</b>
ROLINE FO Jumper Cable 50/125µm SC/SC, grey	2.0 m	<b>21.15.9902 – 40</b>
ROLINE FO Jumper Cable 50/125µm SC/SC, grey	3.0 m	<b>21.15.9903 – 40</b>
ROLINE FO Jumper Cable 50/125µm SC/SC, grey	5.0 m	<b>21.15.9905 – 20</b>
ROLINE FO Jumper Cable 50/125µm SC/SC, grey	10.0 m	<b>21.15.9910 – 10</b>
ROLINE FO Jumper Cable 50/125µm ST/ST, grey	0.5 m	<b>21.15.9700 – 20</b>
ROLINE FO Jumper Cable 50/125µm ST/ST, grey	1.0 m	<b>21.15.9701 – 40</b>
ROLINE FO Jumper Cable 50/125µm ST/ST, grey	2.0 m	<b>21.15.9702 – 40</b>
ROLINE FO Jumper Cable 50/125µm ST/ST, grey	3.0 m	<b>21.15.9703 – 40</b>
ROLINE FO Jumper Cable 50/125µm ST/ST, grey	5.0 m	<b>21.15.9705 – 20</b>
ROLINE FO Jumper Cable 50/125µm ST/ST, grey	10.0 m	<b>21.15.9710 – 10</b>
ROLINE FO Jumper Cable 50/125µm LC/LC, grey	0.5 m	<b>21.15.9750 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/LC, grey	1.0 m	<b>21.15.9751 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/LC, grey	2.0 m	<b>21.15.9752 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/LC, grey	3.0 m	<b>21.15.9753 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/LC, grey	5.0 m	<b>21.15.9755 – 10</b>
ROLINE FO Jumper Cable 50/125µm LC/LC, grey	10.0 m	<b>21.15.9760 – 5</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	0.5 m	<b>21.15.9950 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/ST, grey	1.0 m	<b>21.15.9951 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/ST, grey	2.0 m	<b>21.15.9952 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/ST, grey	3.0 m	<b>21.15.9953 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/ST, grey	5.0 m	<b>21.15.9955 – 10</b>
ROLINE FO Jumper Cable 50/125µm LC/ST, grey	10.0 m	<b>21.15.9960 – 5</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	0.5 m	<b>21.15.9850 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	1.0 m	<b>21.15.9851 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	2.0 m	<b>21.15.9852 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	3.0 m	<b>21.15.9853 – 20</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	5.0 m	<b>21.15.9855 – 10</b>
ROLINE FO Jumper Cable 50/125µm LC/SC, grey	10.0 m	<b>21.15.9860 – 5</b>

## ROLINE Fibre Optic Jumper Cables 62.5/125µm

- The quality of the connectors and fibres and an optimal assembly procedure lead to extremely good characteristics in respect of insertion loss and reflection
- Duplex cables with fiber type 62.5/125µm
- Three different fiber connector types (LC, SC and ST) available in all varieties
- Color: Orange

**Technical data:**

Conductor construction: Compact conductor (fibre movable in secondary coating)  
 Cable construction: Kevlar tension reduction  
 PVC outer coating  
 Ø 2.8 x 6.0 mm



**LC-Connector  
62,5/125µm**

**SC-Connector  
62,5/125µm**

**ST-Connector  
62,5/125µm**

		Order-No. – Packing Unit
ROLINE FO Jumper Cable 62.5/125µm ST/SC, orange	0.5 m	<b>21.15.9200 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm ST/SC, orange	1.0 m	<b>21.15.9201 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm ST/SC, orange	2.0 m	<b>21.15.9202 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm ST/SC, orange	3.0 m	<b>21.15.9203 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm ST/SC, orange	5.0 m	<b>21.15.9205 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm ST/SC, orange	10.0 m	<b>21.15.9209 – 10</b>
ROLINE FO Jumper Cable 62.5/125µm SC/SC, orange	0.5 m	<b>21.15.9300 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm SC/SC, orange	1.0 m	<b>21.15.9301 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm SC/SC, orange	2.0 m	<b>21.15.9302 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm SC/SC, orange	3.0 m	<b>21.15.9303 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm SC/SC, orange	5.0 m	<b>21.15.9305 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm SC/SC, orange	10.0 m	<b>21.15.9309 – 10</b>
ROLINE FO Jumper Cable 62.5/125µm ST/ST, orange	0.5 m	<b>21.15.9400 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm ST/ST, orange	1.0 m	<b>21.15.9401 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm ST/ST, orange	2.0 m	<b>21.15.9402 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm ST/ST, orange	3.0 m	<b>21.15.9403 – 40</b>
ROLINE FO Jumper Cable 62.5/125µm ST/ST, orange	5.0 m	<b>21.15.9405 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm ST/ST, orange	10.0 m	<b>21.15.9410 – 10</b>
ROLINE FO Jumper Cable 62.5/125µm LC/LC, orange	0.5 m	<b>21.15.9249 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/LC, orange	1.0 m	<b>21.15.9251 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/LC, orange	2.0 m	<b>21.15.9252 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/LC, orange	3.0 m	<b>21.15.9253 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/LC, orange	5.0 m	<b>21.15.9255 – 10</b>
ROLINE FO Jumper Cable 62.5/125µm LC/LC, orange	10.0 m	<b>21.15.9260 – 5</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	0.5 m	<b>21.15.9450 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/ST, orange	1.0 m	<b>21.15.9451 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/ST, orange	2.0 m	<b>21.15.9452 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/ST, orange	3.0 m	<b>21.15.9453 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/ST, orange	5.0 m	<b>21.15.9455 – 10</b>
ROLINE FO Jumper Cable 62.5/125µm LC/ST, orange	10.0 m	<b>21.15.9460 – 5</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	0.5 m	<b>21.15.9349 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	1.0 m	<b>21.15.9351 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	2.0 m	<b>21.15.9352 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	3.0 m	<b>21.15.9353 – 20</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	5.0 m	<b>21.15.9355 – 10</b>
ROLINE FO Jumper Cable 62.5/125µm LC/SC, orange	10.0 m	<b>21.15.9360 – 5</b>

## VALUE Fibre Optic Jumper Cables, 50/125µm, OM3

- VALUE Fibre Optic Jumper Cables with OM3 quality for high performance wiring
- Duplex Cable with fibre type Multi-mode 50/125µm, OM3
- Available lengths: 0,5m, 1m, 2m, 3m, 5m and 10m
- Color: turquoise



LC-LC, OM3

LC-SC, OM3

LC-ST, OM3

	Order-No. – Packing Unit
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	0.5 m 21.99.8700 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	1 m 21.99.8701 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	2 m 21.99.8702 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	3 m 21.99.8703 – 5
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	5 m 21.99.8705 – 5
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	10 m 21.99.8708 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	0.5 m 21.99.8710 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	1 m 21.99.8711 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	2 m 21.99.8712 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	3 m 21.99.8713 – 5
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	5 m 21.99.8715 – 5
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	10 m 21.99.8718 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	0.5 m 21.99.8720 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	1 m 21.99.8721 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	2 m 21.99.8722 – 10
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	3 m 21.99.8723 – 5
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	5 m 21.99.8725 – 5
VALUE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	10 m 21.99.8728 – 10

## ROLINE Fibre Optic Jumper Cables 50/125µm, OM3

- ROLINE Fibre Optic Jumper Cables with OM3 quality for high performance wiring
- The quality of the connectors and fibres and an optimal assembly procedure lead to extremely good characteristics in respect of insertion loss and reflection
- Duplex Cable with fibre type multi-mode 50/125µm, OM3
- On one side Fibre Optic connector LC, on the other side LC, SC or ST
- Color: turquoise

### Technical Data:

Conductor construction: Compact conductor (fibre movable in secondary coating)  
 Cable construction: Kevlar tension reduction PVC outer coating Ø 2.8 mm



LC-LC, OM3

LC-SC, OM3

LC-ST, OM3

	Order-No. – Packing Unit
ROLINE FO Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	0.5 m 21.15.8700 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	1.0 m 21.15.8701 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	2.0 m 21.15.8702 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	3.0 m 21.15.8703 – 5
ROLINE FO Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	5.0 m 21.15.8705 – 5
ROLINE FO Jumper Cable, 50/125µm, LC/LC, OM3, turquoise	10.0 m 21.15.8708 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	0.5 m 21.15.8710 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	1.0 m 21.15.8711 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	2.0 m 21.15.8712 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	3.0 m 21.15.8713 – 5
ROLINE FO Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	5.0 m 21.15.8715 – 5
ROLINE FO Jumper Cable, 50/125µm, LC/SC, OM3, turquoise	10.0 m 21.15.8718 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	0.5 m 21.15.8720 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	1.0 m 21.15.8721 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	2.0 m 21.15.8722 – 10
ROLINE FO Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	3.0 m 21.15.8723 – 5
ROLINE FO Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	5.0 m 21.15.8725 – 5
ROLINE FO Jumper Cable, 50/125µm, LC/ST, OM3, turquoise	10.0 m 21.15.8728 – 10

## ROLINE Fibre Optic Jumper Cable, 50/125 μm, OM4, purple

OM4 fibre is a 50μm laser-optimized fibre with extended bandwidth. It will be used to enhance the system performance for existing 1 and 10 Gbit/s applications as well as future 40 and 100 Gbit/s systems.

OM4 fibre will support Ethernet, Fibre Channel, and OIF applications, allowing extended reach upwards of 550 meters at 10 Gbit/s for ultra long building backbones and medium length campus backbones. With an laser bandwidth of 4700 MHz-km (more than double the IEEE requirement for 10 Gbit/s 300 meter support), the OM4 fibre is also especially well suited for shorter reach in data centers and high performance computing applications.

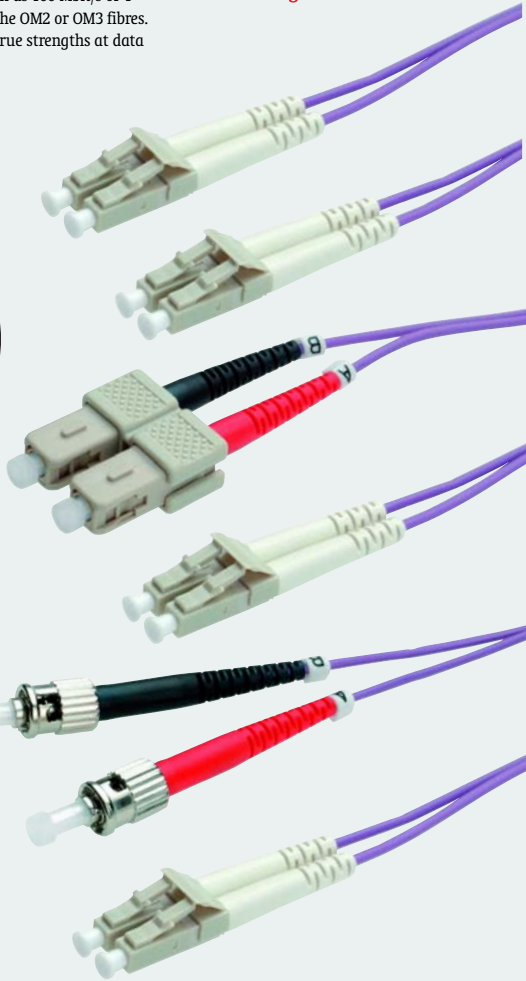
In use at low data rates such as 100 Mbit/s or 1 Gbit/s, OM4 is on par with the OM2 or OM3 fibres. The OM4 fibre shows their true strengths at data

rates of 10 Gbit/s and 40 Gbit/s with ranges of 550 meters or 300 meters.

- All ROLINE Fibre Optic Jumper cables are duplex cables with fibre type 50/125μm
- The quality of the connectors and fibres and an optimal assembly procedure lead to extremely good characteristics in respect of insertion loss and reflection
- Color: purple

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### LC-LC, OM4



### SC-LC, OM4

### ST-LC, OM4

	Order-No. – Packing Unit
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/LC, OM4, purple 0.5 m	<b>21.15.8750 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/LC, OM4, purple 1 m	<b>21.15.8751 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/LC, OM4, purple 2 m	<b>21.15.8752 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/LC, OM4, purple 3 m	<b>21.15.8753 – 5</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/LC, OM4, purple 5 m	<b>21.15.8755 – 5</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/LC, OM4, purple 10 m	<b>21.15.8758 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/SC, OM4, purple 0.5 m	<b>21.15.8760 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/SC, OM4, purple 1 m	<b>21.15.8761 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/SC, OM4, purple 2 m	<b>21.15.8762 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/SC, OM4, purple 3 m	<b>21.15.8763 – 5</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/SC, OM4, purple 5 m	<b>21.15.8765 – 5</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/SC, OM4, purple 10 m	<b>21.15.8768 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/ST, OM4, purple 0.5 m	<b>21.15.8770 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/ST, OM4, purple 1 m	<b>21.15.8771 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/ST, OM4, purple 2 m	<b>21.15.8772 – 10</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/ST, OM4, purple 3 m	<b>21.15.8773 – 5</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/ST, OM4, purple 5 m	<b>21.15.8775 – 5</b>
ROLINE Fibre Optic Jumper Cable, 50/125 μm, LC/ST, OM4, purple 10 m	<b>21.15.8778 – 10</b>

## ROLINE Cat.5e/Cat.6 RJ-45 Modular Plugs

- For Cat.5e/Cat.6 cabling systems
- Modular plugs shielded/unshielded
- 12.01.1087/1089, 21.17.3060/3061 for stranded wire
- 21.17.3062 for solid wire; **with insert**
- Package unit: **10 pieces**

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	Order-No. – Packing Unit
ROLINE Cat.5e Modular Plug, 8p8c, unshielded, for Stranded Wire 10 pcs.	<b>12.01.1087 – 100</b>
ROLINE Cat.5e Modular Plug, 8p8c, shielded, for Stranded Wire 10 pcs.	<b>12.01.1089 – 100</b>
ROLINE Cat.6 Modular Plug, unshielded, for Stranded Wire 10 pcs.	<b>21.17.3060 – 50</b>
ROLINE Cat.6 Modular Plug, shielded, for Stranded Wire 10 pcs.	<b>21.17.3061 – 50</b>
ROLINE Cat.6 Modular Plug, unshielded, for Solid Wire 10 pcs.	<b>21.17.3062 – 50</b>
ROLINE Cat.6 Modular Plug, shielded, for Solid Wire 10 pcs.	<b>21.17.3063 – 50</b>

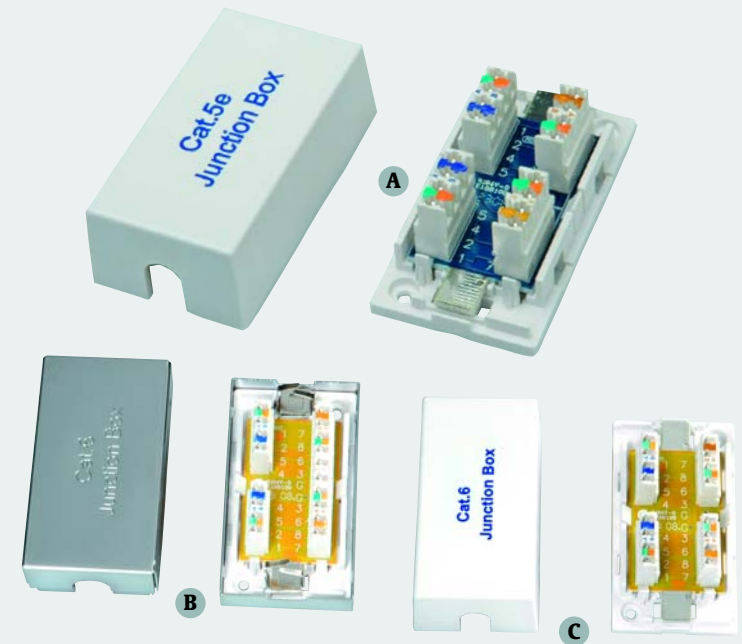
## ROLINE Junction Box Cat.5e and Cat.6

The ROLINE Junction box is used to repair or extend Cat.5 and Cat.6 cables.

- Four different types are available, two UTP types for the unshielded cable and two STP types for the shielded cable
- With this box all 4 or 8 wired installation cables with AWG24 and with a cover from 4 mm (UTP type) up to 6.2 mm (STP type) can be installed

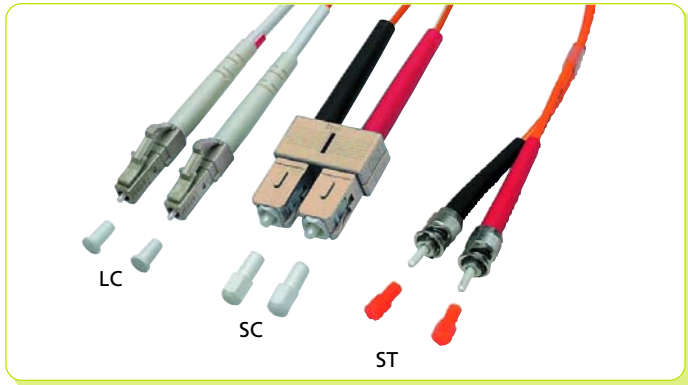
- Equipped with the modern LSA connection technology, all cables in accordance with EIA/TIA 568 can be easily installed
- With the use of the STP type junction box, it's safe against electrical and magnetical interferences

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	Order-No. – Packing Unit
ROLINE Junction Box Cat.5e, STP	<b>21.17.3035 – 100</b>
ROLINE Junction Box Cat.5e, UTP	<b>A 21.17.3036 – 200</b>
ROLINE Junction Box Cat.6, STP	<b>B 21.17.3065 – 20</b>
ROLINE Junction Box Cat.6, UTP	<b>C 21.17.3066 – 20</b>

# Cable Assembly Inquiry Form



## Fiber Optic Cable

### Fiber Type

- Multimode 62,5/125 µm  
 Multimode 50/125 µm  
 Single mode 9/125 µm

### Fiber Quality

- OM1     OM2     OM3     OM4  
 OS1     OS2

Number of Fibers (1/2/4/8/12/24 ...) \_\_\_\_\_

### Cable Type

- Indoor (Duplex)  
 Indoor trunk, Breakout Cable  
 Outdoor trunk / Universal Cable  
 Underground Cable (longitudinally waterproof, rodent protection)

### Plug Type

#### Side A

- LC  
 SC  
 ST  
 E2000  
 8° Diagonal Cross section (single mode only)  
 Other \_\_\_\_\_

#### Side B

- LC  
 SC  
 ST  
 E2000  
 8° Diagonal Cross section (single mode only)  
 Other \_\_\_\_\_

### Cable Length / Options

- Length: \_\_\_\_\_  
 Labeling

#### Side A

\_\_\_\_\_

#### Side B

\_\_\_\_\_

- Pulling Aid

(Breakout, Universal and underground cables)

Quantity: \_\_\_\_\_

Your additional technical notes: \_\_\_\_\_

### Your contact details

Customer-No. : \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_

e-Mail : \_\_\_\_\_



## Twisted Pair Wire

### Cable Type

Brandname / Class (e.g. Draka, Leoni Kerpen, Cat. 6a): \_\_\_\_\_

PVC / Halogen-Free / PE-Sheath / PUR-Sheath: \_\_\_\_\_

Color: \_\_\_\_\_

Stranded Wire Flexible patch cord  Stranded Wire Fixed Installation Cable

Flat  Round

Technical Note: \_\_\_\_\_

### Shielding

UTP=U/UTP

FTP=F/FTP

S/FTP=SF/UTP  
(Cat.5e)

S/FTP=S/FTP  
(Cat.6) (PiMF)

### Plug Type

Brandname / Class: e.g. RJ11 / RJ12 / RJ45 (Cat.5e / Cat.6) / HiRose TM11, TM21, TM31 / GG45 / Siemon Tera / EC7 / BTR Field Plug, ...

Side A \_\_\_\_\_ Side B \_\_\_\_\_

Color Plug

Side A \_\_\_\_\_ Side B \_\_\_\_\_

### Pin Assignment

1:1 EIA / TIA 568A

1:1 EIA / TIA 568B

### Customer-specific assignment

#### Side A

- Pin 1  
 Pin 2  
 Pin 3  
 Pin 4  
 Pin 5  
 Pin 6  
 Pin 7  
 Pin 8

#### Side B

- Pin  
 Pin  
 Pin  
 Pin  
 Pin  
 Pin  
 Pin  
 Pin

Quantity \_\_\_\_\_

Your additional technical notes: \_\_\_\_\_

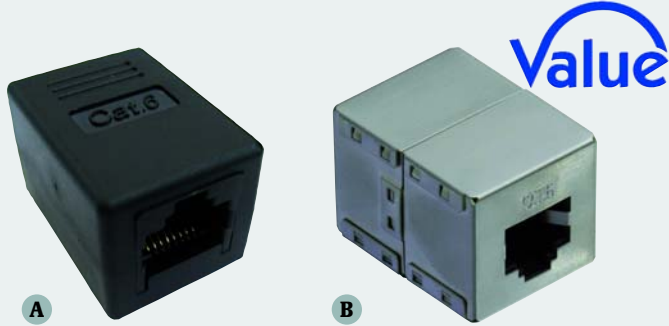
**Please call us for a telephone consultation**

**Important Note: Individual cable assemblies require a written order. All orders are final. Subsequent requests of cancellation, refunds or exchange cannot be accepted.**

## VALUE RJ-45 Modular Couplers for Cat.6

- The couplers are available in 2 versions:
  - shielded with metal housing, colour: silver
  - unshielded with plastic housing, colour: black
- The couplers are able to extend Cat.6 cables

- All couplers with eight contacts, 1:1 connected

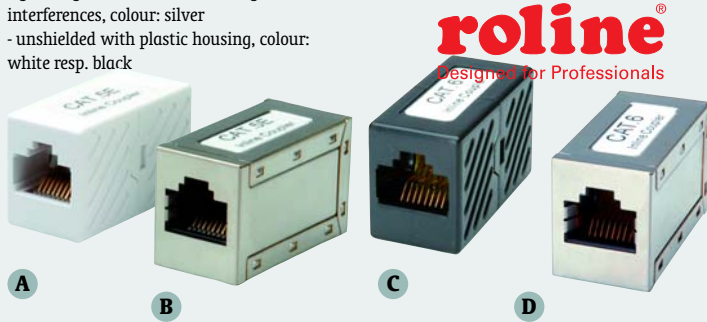


	Order-No.	Packing Unit
VALUE RJ-45 Modular Coupler, Cat.6, unshielded, black	<b>A 21.99.3001</b>	- 20
VALUE RJ-45 Modular Coupler, Cat.6, shielded, silver	<b>B 21.99.3002</b>	- 20

## ROLINE RJ-45 Modular Couplers Cat.5e and Cat.6

- The ROLINE couplers are available in two versions:
  - shielded with metal housing to safe the signals against electrical and magnetical interferences, colour: silver
  - unshielded with plastic housing, colour: white resp. black

- The couplers are able to extend Cat.5e resp. Cat.6 cables
- All couplers with eight contacts, 1:1 connected



	Order-No.	Packing Unit
ROLINE Cat.5e Modular Coupler, unshielded, white	<b>A 21.17.3001</b>	- 20
ROLINE Cat.5e Modular Coupler, shielded, silver	<b>B 21.17.3002</b>	- 20
ROLINE RJ-45 Modular Coupler, Cat.6, unshielded, black	<b>C 21.17.3043</b>	- 200
ROLINE RJ-45 Modular Coupler, Cat.6, shielded, silver	<b>D 21.17.3041</b>	- 200

## VALUE Cat.6/Class E Wall Jacks

- The VALUE Cat.6/Class E wall jacks fulfil the Cat.6/Class E Permanent Link Standard and are ideal for gigabit ethernet networks
- Fully screened box in a metal housing, provides security against EMI (shielded version)
- Cable assembly takes place using LSApplus piercing terminals with colour coding on the top in accordance with EIA/TIA 568

- For a structured unshielded Cat.6 cabling we recommend to use the following components:**
- VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995
  - VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394
  - VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)
  - VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905

- For a structured shielded Cat.6 cabling we recommend to use the following components:**
- ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
  - VALUE Cat.6 Flush/Surface Mount Wall Jack, shielded, white: 25.99.8492/25.99.8392
  - VALUE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.99.0353 (black), 26.99.0354 (grey)
  - VALUE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.99.0805

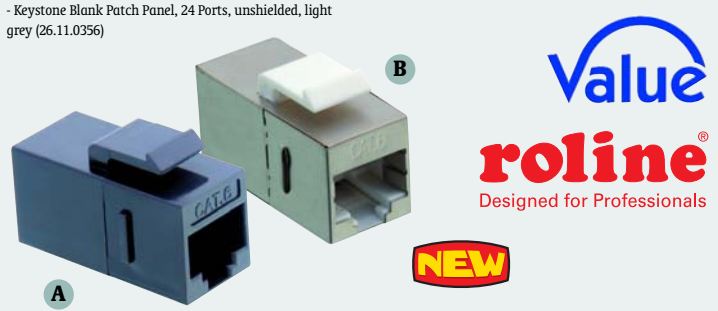
Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

	Order-No.	Packing Unit
VALUE Cat.6 Surface Mount Wall Jack, shielded	white <b>25.99.8392</b>	- 20
VALUE Cat.6 Surface Mount Wall Jack, unshielded	white <b>25.99.8394</b>	- 20
VALUE Cat.6 Flush Mount Wall Jack, shielded	white <b>25.99.8492</b>	- 20
VALUE Cat.6 Flush Mount Wall Jacks, unshielded	white <b>25.99.8494</b>	- 20

## RJ-45 Keystone Modular Couplers for Cat.6

- The couplers are available in 2 versions:
  - shielded with metal housing, colour: silver
  - unshielded with plastic housing, colour: black
- The couplers are able to extend Cat.6 cables
- All couplers with eight contacts, 1:1 connected
- Can be installed in suitable keystone patch panels, e. g.:
  - Keystone Blank Patch Panel, 24 Ports, unshielded, light grey (26.11.0356)

- Keystone Blank Patch Panel, 24 Ports, unshielded, black (26.11.0357)
- Keystone Blank Patch Panel, 24 Ports, shielded, light grey (26.11.0359)
- Keystone Blank Patch Panel, 24 Ports, shielded, black (26.11.0360)



	Order-No.	Packing Unit
VALUE RJ-45 Keystone Modular Coupler, Cat.6, unshielded	<b>A 21.99.3003</b>	- 20
VALUE RJ-45 Keystone Modular Coupler, Cat.6, shielded	<b>B 21.99.3004</b>	- 20
ROLINE RJ-45 Keystone Modular Coupler, Cat.6, unshielded	<b>A 21.17.3003</b>	- 20
ROLINE RJ-45 Keystone Modular Coupler, Cat.6, shielded	<b>B 21.17.3004</b>	- 20

## VALUE T-Adapters Cat.5e

- For the use with two 10/100 LAN connections over one (full wired) 8-wire cable
- Connection cable (17 cm) with RJ-45 plug; adapter with two RJ-45 jacks
- Pin assignment of connectors: pairs 1, 2 and 3, 6

- Wiring scheme on the adapter
- For Cat. 5e installations
- Note:** The adapters can be used only pair-wise



	Order-No.	Packing Unit
VALUE T-Adapter Cat.5e, unshielded, white	<b>21.99.3045</b>	- 50
VALUE T-Adapter Cat.5e, shielded, silver	<b>21.99.3050</b>	- 50





## ROLINE Cat.5e Wall Jacks

- The connection boxes are suitable for a transmission rate of 100Mbit/s and are fitted with one or two sockets
- Fully screened box in a metal housing; provides high security against EMI
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- 45° tilted plug assembly

### For a structured unshielded cabling system we recommend to use the following components:

ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Box, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey)  
 ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1325a-04-D.

### For a structured shielded cabling system we recommend to use the following components:

ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24: 21.15.0019 (100 m), 21.15.0020 (300 m)  
 ROLINE Cat.5e Flush/Surface Mount Box, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
 ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)  
 ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1326a-04-D.

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		Order-No. – Packing Unit
ROLINE Surface Mount Wall Jack, Cat.5e, shielded	ivory	25.16.8386 – 20
ROLINE Flush Mount Wall Jack, Cat.5e, shielded	ivory	25.16.8486 – 20
ROLINE Surface Mount Wall Jack, Cat.5e, shielded	white	25.16.8387 – 20
ROLINE Flush Mount Wall Jack, Cat.5e, shielded	white	25.16.8487 – 20
ROLINE Surface Mount Wall Jack, Cat.5e, unshielded	ivory	25.16.8401 – 20
ROLINE Flush Mount Wall Jack, Cat.5e, unshielded	ivory	25.16.8501 – 20
ROLINE Surface Mount Wall Jack, Cat.5e, unshielded	white	25.16.8406 – 20
ROLINE Flush Mount Wall Jack, Cat.5e, unshielded	white	25.16.8506 – 20
A ROLINE Faceplate for Flush Mount Wall Jack	white	25.16.8398 – 20
A ROLINE Faceplate for Flush Mount Wall Jack	ivory	25.16.8399 – 20

## ROLINE Cat.6 Wall Jacks

- The ROLINE Cat.6/Class E wall outlet sockets fulfil the Cat.6/Class E Permanent Link standard and are ideal for Gigabit Ethernet networks
- Fully screened box in a metal housing, provides security against EMI (shielded version)
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- 45° tilted plug assembly

### For a structured unshielded cabling system we recommend to use the following components:

ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)  
 ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)  
 ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black)  
 ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount) / z2330b-10-E (with surface mount).

### For a structured shielded cabling system we recommend to use the following components:

ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)  
 ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)  
 ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black)  
 ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount) / z2364b-10-E (with surface mount).

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		Order-No. – Packing Unit
ROLINE Surface Mount Wall Jack, Cat.6, shielded	white	25.16.8392 – 20
ROLINE Surface Mount Wall Jack, Cat.6, shielded	ivory	25.16.8393 – 20
ROLINE Flush Mount Wall Jack, Cat.6, shielded	white	25.16.8492 – 20
ROLINE Flush Mount Wall Jack, Cat.6, shielded	ivory	25.16.8493 – 20
ROLINE Surface Mount Wall Jack, Cat.6, unshielded	white	25.16.8394 – 20
ROLINE Surface Mount Wall Jacks, Cat.6, unshielded	ivory	25.16.8395 – 20
ROLINE Flush Mount Wall Jack, Cat.6, unshielded	white	25.16.8494 – 20
ROLINE Flush Mount Wall Jack, Cat.6, unshielded	ivory	25.16.8500 – 20
A ROLINE Faceplate for Flush Mount Wall Jack	white	25.16.8398 – 20
A ROLINE Faceplate for Flush Mount Wall Jack	ivory	25.16.8399 – 20

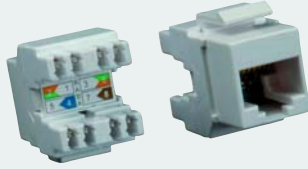
## ROLINE Cat.5e/Cat.6 Wall Jacks Keystone

- For data transfer rates of up to 1000Mbit/s
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568



**For a structured unshielded Cat.5e cabling system we recommend to use the following components:**

- ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)
- Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
- ROLINE Cat.5e Keystone, RJ-45, unshielded: 26.11.0343 (light grey), 26.11.0342 (black)
- 19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356 (light grey), 26.11.0357 (black)
- ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505



**For a structured unshielded Cat.6 cabling system we recommend to use the following components:**

- ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
- Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
- ROLINE Cat.6 Keystone, RJ-45, unshielded: 26.11.0353
- 19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356 (light grey), 26.11.0357 (black)
- ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935



**For a structured shielded Cat.6 cabling system we recommend to use the following components:**

- ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
- Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
- ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358
- 19" Keystone Patch Panel, 24 ports, shielded: 26.11.0359 (light grey), 26.11.0360 (black)
- ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835



Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D resp. Class E specifications.

		Order-No. – Packing Unit
ROLINE Cat.5e Keystone, RJ-45, unshielded	light grey	26.11.0343 – 60
ROLINE Cat.6 Keystone, RJ-45, unshielded	white	26.11.0353 – 60
ROLINE Cat.6/Class E Keystone, RJ-45, shielded	silver	26.11.0358 – 60
Flush Mount Wall Jack for Keystones, 2-port		25.16.8579 – 20
Surface Wall Mount Frame		25.16.8484 – 20

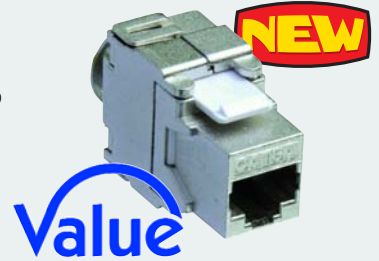
## VALUE Cat.6a Wall Jacks Keystone

- Cost-effective solution for shielded Cat.6a cabling
- Cat.6a keystones support data transfer rates of up to 10 GBit/s and a bandwidth of 500 MHz
- Assembling takes place over LSA plus

Our in-house laboratory has tested these cable-plug combinations, in a Channel of 100 meters, in compliance with Class E specifications.

**For a structured shielded Cat.6a cabling system we recommend to use the following components:**

- VALUE Cat.6a S/FTP Cable, Solid Wire, 100 m: 21.99.0881
- Flush Mount Wall Jack for Keystones: 25.16.8579
- Surface Wall Mount Frame: 25.16.8484
- VALUE Cat.6a Keystone, RJ-45, shielded: 26.99.0366
- Cat.6a 19" Keystone Patch Panel: 26.11.0359
- VALUE Cat.6a S/FTP Patch Cord, 5 m: 21.99.0865



	Order-No. – Packing Unit
VALUE Cat.6a Keystone, RJ-45, shielded, silver	26.99.0366 – 20
Flush Mount Wall Jack for Keystones, 2-port	25.16.8579 – 20
Surface Wall Mount Frame	25.16.8484 – 20

## ROLINE Cat.6a Cabling

- The Cat.6a keystones support data transfer rates of up to 10 GBit/s and a bandwidth of 500 MHz
- Assembling takes place over LSA plus
- Colour code on the keystone jacks is based on the standard EIA/TIA 568

Our in-house laboratory has tested these cable-plug combinations, in a Channel of 100 meters, in compliance with Class E specifications.

**For a structured unshielded Cat.6a cabling system we recommend to use the following components:**

- ROLINE Cat.6a UTP Cable, Solid Wire, 300 m: 21.15.1681
- Flush Mount Wall Jack for Keystones: 25.16.8579
- ROLINE Cat.6a Keystone, RJ-45, unshielded: 21.11.0335
- ROLINE Cat.6a 19" Keystone Patch Panel: 26.11.0368
- ROLINE Cat.6a UTP Patch Cord, 5 m: 21.15.1665



**For a structured shielded Cat.6a cabling system we recommend to use the following components:**

- ROLINE Cat.6a S/FTP Cable, Solid Wire, 300 m: 21.15.0881
- Flush Mount Wall Jack for Keystones: 25.16.8579
- ROLINE Cat.6a Keystone, RJ-45, shielded: 21.11.0366
- ROLINE Cat.6a 19" Keystone Patch Panel: 26.11.0368
- ROLINE Cat.6a S/FTP Patch Cord, 5 m: 21.15.0865



	Order-No. – Packing Unit
ROLINE Cat.6a Keystone, RJ-45, unshielded, white	26.11.0335 – 40
ROLINE Cat.6a Keystone, RJ-45, shielded, silver	26.11.0366 – 40
Flush Mount Wall Jack for Keystones, 2-port	25.16.8579 – 20
Surface Wall Mount Frame	25.16.8484 – 20

## ROLINE Cat.5e Wall Mount Patch Panel, STP

- The ROLINE Patch Panels for wall mounting offer proven Category 5e performance with modern printed circuit technology according to EIA/TIA 568
- The cable connection takes place using LSA plus cable clamps marked with the appropriate colour coding EIA/TIA 568 specifications. The screen connection and strain relief takes place using metallic cable clips
- Housing and dust cover: Metal
- Colour: Black or light grey
- Dimensions (WxDxH): 172 x 140 x 44 mm



		Order-No. – Packing Unit
ROLINE Cat.5e Wall Mount Patch Panel, 8 Ports, STP	black	26.11.0310 – 10
ROLINE Cat.5e Wall Mount Patch Panel, 8 Ports, STP	light grey	26.11.0304 – 10

## ROLINE Cat.6 10" Patch Panel

- For smaller network installations 10" patch panels are used
- This ROLINE 10" patch panels offer 12 ports
- Available in 2 versions: shielded with metal casing (26.11.0315) and unshielded (26.11.0311)
- The panel complies with the standard of EIA/TIA 568

- The cable connection on the back is implemented via LSA plus technology with colour coding in accordance with standard



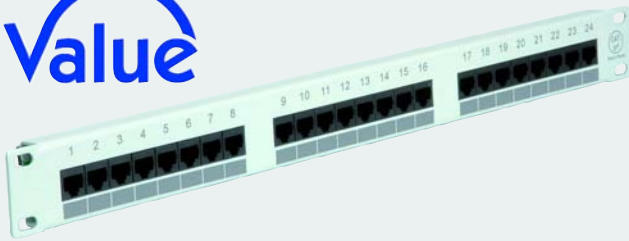
		Order-No. – Packing Unit
ROLINE Cat.6 10" Patch Panel, 12 Ports, UTP	grey	26.11.0311 – 5
ROLINE Cat.6 10" Patch Panel, 12 Ports, STP	grey	26.11.0315 – 5

## VALUE Cat.5e 19" Patch Panel, UTP

- The panels comply with the EIA/TIA 568 standard Cat.5e
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- 24 ports
- Colours: Black, light grey



**Value**



Order-No. – Packing Unit

VALUE Cat.5e 19" Patch Panel, 24 Ports, UTP	black	<b>26.99.0349</b> – 5
VALUE Cat.5e 19" Patch Panel, 24 Ports, UTP	light grey	<b>26.99.0347</b> – 5

## VALUE Cat.5e 19" Patch Panel, STP

- The VALUE Cat.5e patch panels comply with the EIA/TIA 568 TSB40a standard
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- 24 Ports
- Casing and covering hood of sheet steel
- Colours: Black, light grey

**Value**



Order-No. – Packing Unit

VALUE Cat.5e 19" Patch Panel, 24 Ports, STP	black	<b>26.99.0328</b> – 5
VALUE Cat.5e 19" Patch Panel, 24 Ports, STP	light grey	<b>26.99.0329</b> – 5

## ROLINE Cat.5e 19" Patch Panel, UTP

- The UTP patch panels are compliant with EIA/TIA 568 TSB40a, Category 5e
- LSA-plus technology
- 24 ports
- Colour: Black, light grey

ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light grey)  
ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505

**For a structured unshielded cabling system we recommend to use the following components:**

ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)  
ROLINE Cat.5e Flush/Surface Mount Wall Jack, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1325a-04-D.

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Order-No. – Packing Unit

ROLINE Cat.5e 19" Patch Panel, 24 Ports, UTP	black	<b>26.11.0349</b> – 5
ROLINE Cat.5e 19" Patch Panel, 24 Ports, UTP	light grey	<b>26.11.0347</b> – 5

## ROLINE Cat.5e 19" Patch Panel, STP

- The screened ROLINE Cat. 5e 19" patch panels are available in 16- or 24-port versions
- The panels comply with the EIA / TIA 568 Cat. 5e TSB40A standard
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- Sheet steel housing and cover
- Colour: Black, light grey

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.5e S/FTP Cable, Solid Wire, AWG24: 21.15.0019 (100 m), 21.15.0020 (300 m)  
ROLINE Cat.5e Flush/Surface Mount Wall Jack, shielded: 25.16.8487 (white), 25.16.8486 (ivory)/25.16.8387 (white), 25.16.8386 (ivory)  
ROLINE Cat.5e 19" Patch Panel, 24 Ports, shielded: 26.11.0329 (light grey), 26.11.0328 (black)  
ROLINE Cat.5e S/FTP Patch Cord, grey, 5 m: 21.15.0305

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class D specifications; certificate no. z1326a-04-D.

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Order-No. – Packing Unit

ROLINE Cat.5e 19" Patch Panel, 16 Ports, STP	black	<b>26.11.0320</b> – 3
ROLINE Cat.5e 19" Patch Panel, 16 Ports, STP	light grey	<b>26.11.0321</b> – 3
ROLINE Cat.5e 19" Patch Panel, 24 Ports, STP	black	<b>26.11.0328</b> – 3
ROLINE Cat.5e 19" Patch Panel, 24 Ports, STP	light grey	<b>26.11.0329</b> – 3

## ROLINE Cat.6/Class E 19" Patch Panel, UTP

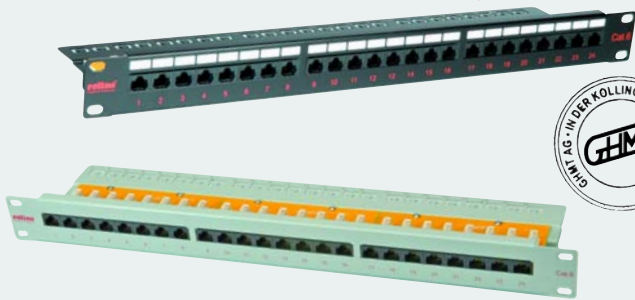
- The ROLINE Cat.6/Class E 19" patch panel fulfils the Cat.6/Class E Permanent Link Standard and is ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- 24 ports
- Colour: Black and light grey

ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)  
 ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black)  
 ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2329b-10-E (with flush mount)/z2330b-10-E (with surface mount).



ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)  
 ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)



	Order-No. - Packing Unit
ROLINE Cat.6/Class E 19" Patch Panel, 24 Ports, UTP black	26.11.0362 - 3
ROLINE Cat.6/Class E 19" Patch Panel, 24 Ports, UTP light grey	26.11.0355 - 3

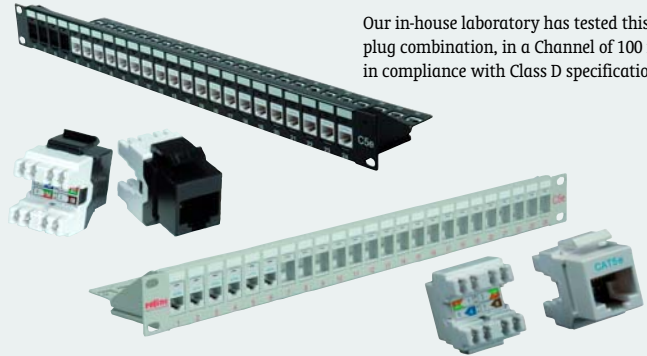
## ROLINE Cat.5e 19" Keystone Patch Panel, UTP

- The system is composed of a 19" patch panel frame and the UTP Cat.5e RJ-45 keystone jack
- Assembling takes place over LSA-plus
- Colour code on the keystone jacks based on the standard EIA/TIA 568 A and 568 B
- Patch panel with 24 ports
- Colour: Black, light grey

**For a structured unshielded Cat.5e cabling system we recommend to use the following components:**

ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)  
 ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579  
 ROLINE Cat.5e Keystone, RJ-45, unshielded: 26.11.0343  
 ROLINE Cat.5e 19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0344 (black), 26.11.0345 (light grey)  
 ROLINE Cat.5e UTP Patch Cord, grey, 5 m: 21.15.0505

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specification.



	Order-No. - Packing Unit
ROLINE Cat.5e 19" Keystone Patch Panel, 24 Ports, UTP black	26.11.0344 - 5
ROLINE Cat.5e Keystone, RJ-45, unshielded black	26.11.0342 - 60
ROLINE Cat.5e 19" Keystone Patch Panel, 24 Ports, UTP light grey	26.11.0345 - 5
ROLINE Cat.5e Keystone, RJ-45, unshielded light grey	26.11.0343 - 60

## ROLINE Cat.6/Class E 19" Keystone Patch Panel, UTP

- Patch panel with 24 unshielded RJ-45 ports, fully loaded with keystones
- The patch panels comply with the EIA/TIA 568 TSB40a
- The cable connection on the back is implemented via LSA-plus connection technology with colour coding on the top in accordance with EIA/TIA 568
- Material: Metal/plastic
- Height: 1U
- Colours: Black, grey

**For a structured cabling system we recommend to use the following components:**  
 VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995  
 VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394  
 VALUE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.99.0351 (black), 26.99.0352 (grey)  
 VALUE Cat.6 UTP Patch Cord, grey, 5 m: 21.99.0905

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

- The system is composed of a 19" patch panel frame and the UTP Cat.6 RJ-45 keystone jacks
- Assembling of cables and keystones takes place over LSA-plus
- Colour code on the keystone jacks, based on the standard EIA/TIA 568 A and 568 B
- The ROLINE Cat. 6/Class E 19" keystone patch panels fulfil the Cat 6/Class E Permanent Link Standard and are ideal for Gigabit Ethernet networks
- Patch panel with 24 ports
- Colour: black, light grey

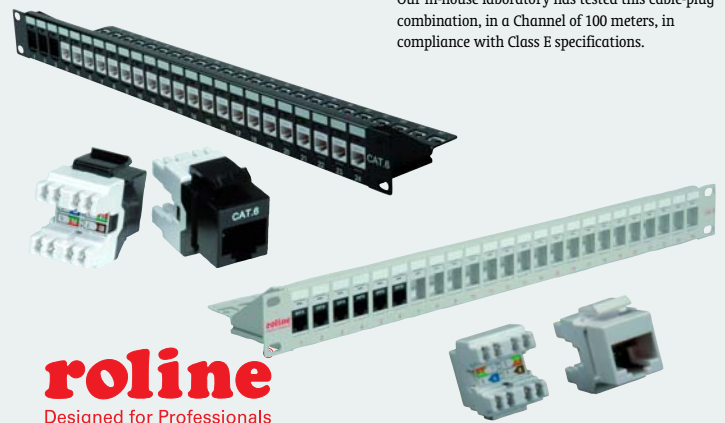
**For a structured unshielded Cat.6 cabling system we recommend to use the following components:**

ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)  
 Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579  
 ROLINE Cat.6 Keystone, RJ-45, unshielded: 26.11.0353  
 19" Keystone Patch Panel, 24 Ports, unshielded: 26.11.0356 (light grey), 26.11.0357 (black)  
 ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.15.0935

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specifications.



	Order-No. - Packing Unit
VALUE Cat.6 19" Keystone Patch Panel, 24 Ports, UTP, loaded black	26.99.0351 - 3
VALUE Cat.6 19" Keystone Patch Panel, 24 Ports, UTP, loaded grey	26.99.0352 - 3



	Order-No. - Packing Unit
Keystone Blank Patch Panel, 24 Ports, unshielded black	26.11.0357 - 5
ROLINE Cat.6/Class E Keystone, RJ-45, unshielded black	26.11.0352 - 60
Keystone Blank Patch Panel, 24 Ports, unshielded light grey	26.11.0356 - 5
ROLINE Cat.6 Keystone, RJ-45, unshielded white	26.11.0353 - 60

## VALUE Cat.6/Class E 19" Patch Panel, STP

- The ROLINE Cat.6/Class E 19" patch panels fulfil the Cat.6/Class E permanent link standard and are ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568A
- Sheet steel housing and cover
- Colour: Black, grey



**Value**

Order-No. – Packing Unit

VALUE Cat.6/Class E 19" Patch Panel, 24 Ports, STP	black	26.99.0353 – 5
VALUE Cat.6/Class E 19" Patch Panel, 24 Ports, STP	grey	26.99.0354 – 5

## VALUE Cat.6/Class E 19" Patch Panel, UTP

- Cost-effective VALUE patch panels for use in Fast Ethernet and Gigabit Ethernet networks
- The panels comply with the EIA/TIA 568A
- The cable connection on the back is implemented via LSA-plus connection technology
- with colour coding on the top in accordance with EIA/TIA 568
- 24 ports
- Colours: black and light grey



**Value**

Order-No. – Packing Unit

VALUE Cat.6/Class E 19" Patch Panel, 24 Ports, UTP	black	26.99.0362 – 5
VALUE Cat.6/Class E 19" Patch Panel, 24 Ports, UTP	grey	26.99.0355 – 5

## ROLINE Cat.6/Class E 19" Patch Panel, STP

- The ROLINE Cat.6/Class E 19" patch panel fulfils the Cat.6/Class E Permanent Link Standard and is ideal for Gigabit Ethernet networks
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- Sheet steel housing and cover
- Colour: Black, light grey

ROLINE Cat.6 Surface Mount Wall Jack, shielded: 25.16.8392 (white), 25.16.8393 (ivory)  
ROLINE Cat.6 19" Patch Panel, 24 Ports, shielded: 26.11.0351 (light grey), 26.11.0361 (black)  
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835

The accredited German laboratory GHMT has tested and certified this product combination, in a Channel of 100 meters, as being compliant to Class E specifications; certificate no. z2365b-10-E (with flush mount)/z2364b-10-E (with surface mount).

**For a structured cabling system we recommend to use the following components:**

ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)  
ROLINE Cat.6 Flush Mount Wall Jack, shielded: 25.16.8492 (white), 25.16.8493 (ivory)

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Order-No. – Packing Unit

ROLINE Cat.6/Class E 19" Patch Panel, 24 Ports, STP	black	26.11.0361 – 3
ROLINE Cat.6/Class E 19" Patch Panel, 24 Ports, STP	light grey	26.11.0351 – 3

## ROLINE Cat.6/Class E 19" Keystone Patch Panel, STP

- The system is composed of a 19" STP patch panel frame and the shielded Cat.6 RJ-45 keystone jacks
- Assembling of cables and keystones takes place over LSA-plus
- Colour code on the keystone jacks, based on the standard EIA/TIA 568 A and 568 B
- The ROLINE Cat. 6/Class E 19" keystone patch panels fulfil the Cat 6/Class E Permanent Link Standard and are ideal for Gigabit Ethernet networks
- Patch panel with 24 ports
- Colours: Black, light grey

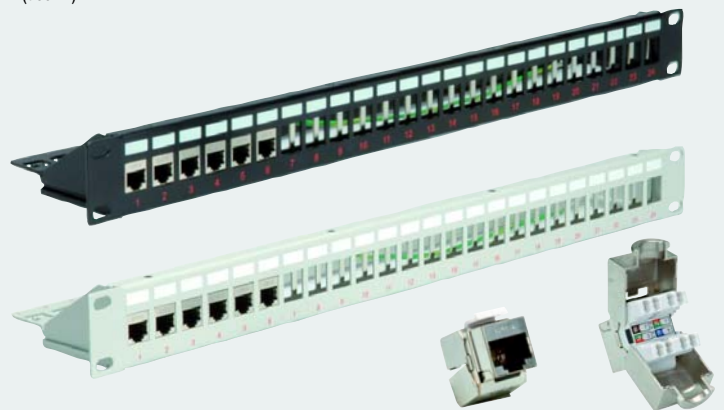
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579  
ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358  
19" Keystone Patch Panel, 24 ports, shielded: 26.11.0359 (light grey), 26.11.0360 (black)  
ROLINE Cat.6 S/FTP Patch Cord, grey, 5 m: 21.15.0835

**Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class E specification.**

**For a structured shielded Cat.6 cabling system we recommend to use the following components:**

ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)

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Order-No. – Packing Unit

Keystone Blank Patch Panel, 24 Ports, shielded	black	26.11.0360 – 5
Keystone Blank Patch Panel, 24 Ports, shielded	light grey	26.11.0359 – 5
ROLINE Cat.6/Class E Keystone, RJ-45, shielded	silver	26.11.0358 – 60

## VALUE / ROLINE 19" LCD KVM Consoles

### The professional solution for server-management.

- 19" LCD console combines the function of a keyboard, a touchpad and a 43 cm/48 cm TFT together in a 1 U casing for a 19" rack
  - For an installation depth of 63 to 90 cm
  - Keyboard layout: English (UK), others on demand
  - **Technical particularity of the ROLINE consoles:** Dual rail design for independent panel and keyboard drawer. Panel can be left open while rack door is closed, so that it can e. g. be used as a surveillance monitor.
- Monitor data:**
- Panel protected by tempered glass
  - Active 43 cm/48 cm matrix TFT display
  - Max. resolution (nominal): 1024 x 768
  - Refresh rate: up to 80 KHz
  - Contrast: 400:1
  - Brightness: 250 cd/m<sup>2</sup>

- **Contents:** Console, rails with mounting accessories, rack mount brackets, keys, KVM cable (HDDB-15/VGA + 2x PS/2, 1.8 m), USB cable, power supply, power cord, CD with manual, quick installation guide

### Recommended switches:

- 14.01.3224 ROLINE 19" KVM Switch, 1 User – 8 PC, USB and PS/2
- 14.01.3225 ROLINE 19" KVM Switch, 1 User – 16 PC, USB and PS/2

### Recommended cables:

- Cable for PS/2: 11.01.5521 (1.8 m), 11.01.5522 (3 m)
- Cable for USB: 11.01.5525 (1.8 m), 11.01.5526 (3 m)

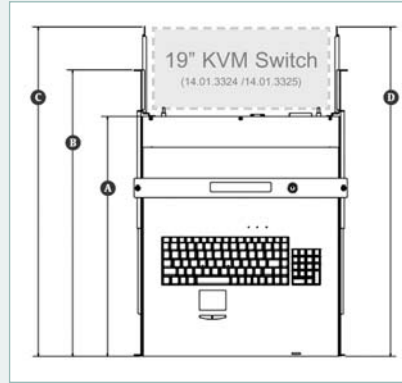
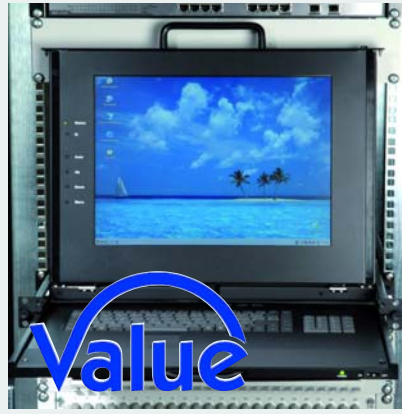
### Dimensions (mm)

	A	B	C	D
VALUE 19" KVM Console, 43 cm (26.99.007x)	490	530 – 1000	670	670
VALUE 19" KVM Console, 48 cm (26.99.009x)	465	590 – 840	660	660
ROLINE 19" KVM Console, 43 cm (26.50.008x)	460	560 – 870	640	640
ROLINE 19" KVM Console, 48 cm (26.50.020x)	530	635 – 950	730	730

### Legend:

- A – Installation depth of console
- B – Distance of 19" cabinet's vertical posts
- C – Installation depth of console with switch (14.01.3324/5)
- D – Length of rails

	Order-No. – Packing Unit
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, UK	26.99.0070 – 1
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, German	26.99.0071 – 1
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, Swiss	26.99.0072 – 1
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, French	26.99.0073 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, UK	26.99.0090 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, German	26.99.0091 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, Swiss	26.99.0092 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, French	26.99.0093 – 1
ROLINE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, UK	26.50.0081 – 1
ROLINE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, German	26.50.0082 – 1
ROLINE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, Swiss	26.50.0083 – 1
ROLINE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, French	26.50.0084 – 1
ROLINE 19" LCD KVM Console, 48 cm TFT, USB + PS/2, UK	26.50.0201 – 1
ROLINE 19" LCD-KVM Console, 48 cm TFT, USB + PS/2, German	26.50.0202 – 1
ROLINE 19" LCD-KVM Console, 48 cm TFT, USB + PS/2, Swiss	26.50.0203 – 1
ROLINE 19" LCD-KVM Console, 48 cm TFT, USB + PS/2, French	26.50.0204 – 1



## VALUE Stand/Wall Mount Cabinets with Glass Front

- VALUE stand/wall mount cabinets for the installation of active and passive network components
- Toughened glass front with lock with rotary handle, the direction of opening the door can be changed according to the requirement, the opening degree of the door is more than 180°
- Quick open side door, convenient for equipment installation and maintaining
- One cable channel on the top and the other on the bottom
- 19" standard installation, installation depth can be adjusted according to the requirement
- Colour: black (RAL 7021)
- Remark: Delivery as an assembly set
- **Contents:** Wall mount rack, grounding set, installation material



	Order-No. – Packing Unit
VALUE 19" Wall Mount Rack 6U, 368 x 570 x 465 (HxWxD)	26.99.0146 – 1
VALUE 19" Wall Mount Rack 9U, 505x570x465 (HxWxD)	26.99.0149 – 1
VALUE 19" Wall Mount Rack 15U, 775x570x610 mm (HxWxD)	26.99.0155 – 1

# Switchboxes Hubs



2

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## Automatic KVM Switches

Order-No.	Page	Ports	Video	Connection		Special-connection	Emulation	Audio	OSD	19"-Housing	19"-Mounting Kit
				Keyboard	Mouse						
14.01.3101	2.04	2	DVI	USB	USB		X	X			
14.99.3255	2.04	2	HDMI/Video	USB	USB		X	X			
14.99.3259	2.04	2	DVI	USB	USB		X	X			
14.01.3262	2.05	4	VGA	PS/2	PS/2		X	X			
14.01.3270	2.05	2	VGA	PS/2	PS/2		X				
14.01.3279	2.05	2	VGA	USB	USB		X	X			
14.01.3280	2.05	4	VGA	USB	USB		X	X			
14.99.3261	2.05	2	VGA	USB	USB		X				
14.99.3262	2.05	2	VGA	PS/2	PS/2		X				
14.99.3265	2.05	2	VGA	USB	USB		X	X			
14.99.3267	2.05	4	VGA	USB	USB		X				
14.01.3232	2.06	2	VGA	USB	USB	X	X	X	X		
14.01.3233	2.06	4	VGA	USB	USB	X	X	X	X		
14.99.3214	2.06	8	VGA	USB	USB	X	X		X	X	
14.99.3215	2.06	16	VGA	USB	USB	X	X		X	X	
14.99.3276	2.06	2	VGA	USB	USB	X	X		X		
14.99.3277	2.06	4	VGA	USB	USB	X	X				
14.01.3285	2.07	4	VGA	PS/2 + USB	PS/2 + USB	X	X	X	X	X	X
14.01.3286	2.07	8	VGA	PS/2 + USB	PS/2 + USB	X	X	X	X	X	X
14.99.3222	2.07	8	VGA	PS/2 + USB	PS/2 + USB	X	X		X	X	X
14.99.3223	2.07	16	VGA	PS/2 + USB	PS/2 + USB	X	X		X	X	X
14.01.3224	2.09	8	VGA	PS/2 + USB	PS/2 + USB	connected Console			X	X	X
14.01.3225	2.09	16	VGA	PS/2 + USB	PS/2 + USB	connected Console			X	X	X
14.01.3102	2.10	8	VGA	PS/2 + USB	PS/2 + USB	X	X	X	X	X	X
14.01.3103	2.10	16	VGA	PS/2 + USB	PS/2 + USB	X	X	X	X	X	X
14.01.3397	2.10	1	VGA	PS/2 + USB	PS/2 + USB	X	X		X		
14.99.3397	2.10	1	VGA	USB	USB	X	X				
14.01.3239	2.11	3	DVI	USB	USB	X	X	X			
14.01.3376	2.11	8	VGA	PS/2 + USB	PS/2 + USB	X	X	X	X	X	X
14.01.3377	2.11	16	VGA	PS/2 + USB	PS/2 + USB	X	X	X	X	X	X
14.99.3245	2.11	4	DVI	USB	USB		X				
14.01.3327	2.12	2	DP	USB	USB	X	X				
14.01.3329	2.12	4	DP	USB	USB	X	X				
14.01.3335	2.12	2	HDMI	USB	USB	X	X				
14.01.3336	2.12	4	HDMI	USB	USB	X	X				
14.01.3361	2.12	2	2x DVI	USB	USB	X	X				
14.01.3362	2.12	4	2x DVI	USB	USB	X	X				
14.99.3336	2.12	4	HDMI	USB	USB	X	X				
14.01.3328	2.13	1	VGA	USB	USB						
14.99.3328	2.13	1	VGA	USB	USB						
14.01.3249	2.14	1	VGA	USB	USB						



## Automatic KVM Switches – Cable Overview

Order-No.	Page	Keyboard Cable PS/2	Page	Mouse Cable PS/2	KVM Cable Page	Video-Cable	KVM Cable Page	PS/2	Page	USB	Page
14.01.3101	2.04	included in delivery									
14.01.3259	2.04	included in delivery									
14.99.3255	2.04	included in delivery									
14.99.3259	2.04	included in delivery									
14.01.3262	2.05	included in delivery									
14.01.3270	2.05	included in delivery									
14.01.3279	2.05	included in delivery									
14.01.3280	2.05	included in delivery									
14.99.3261	2.05	included in delivery									
14.99.3262	2.05	included in delivery									
14.99.3265	2.05	included in delivery									
14.99.3267	2.05	included in delivery									
14.01.3232	2.06	included in delivery									
14.01.3233	2.06	included in delivery									
14.99.3214	2.06	included in delivery								11.99.5503	2.06
14.99.3215	2.06	included in delivery								11.99.5503	2.06
14.99.3276	2.06	included in delivery						11.01.5510	2.06	11.01.5515	2.06
14.99.3277	2.06	included in delivery						11.01.5511	2.06	11.01.5516	2.06
14.01.3285	2.07	11.01.5818	3.10	11.01.5818	3.10	11.01.6518	3.10	11.01.5493	2.07	11.01.5497	2.07
14.01.3286	2.07	11.01.5818	3.10	11.01.5818	3.10	11.01.6518	3.10	11.01.5493	2.07	11.01.5497	2.07
14.99.3222	2.07	included in delivery						11.99.5501	2.07	11.99.5502	2.07
14.99.3223	2.07	included in delivery						11.99.5501	2.07	11.99.5502	2.07
14.01.3224	2.09	KVM for Console						11.01.5521	2.09	11.01.5525	2.09
14.01.3225	2.09	KVM for Console						11.01.5521	2.09	11.01.5525	2.09
14.01.3102	2.10	included in delivery						14.01.3104	2.10	14.01.3105	2.10
14.01.3103	2.10	included in delivery						14.01.3104	2.10	14.01.3105	2.10
14.01.3397	2.10	included in delivery									
14.99.3397	2.10	included in delivery								11.01.5507	2.11
14.01.3239	2.11	included in delivery								11.01.5508	2.11
14.01.3376	2.11	included in delivery									
14.01.3377	2.11	included in delivery									
14.99.3245	2.11	included in delivery									
14.01.3327	2.12	included in delivery						11.04.5602	3.14		
14.01.3329	2.12	included in delivery						11.04.5602	3.14		
14.01.3335	2.12	included in delivery									
14.01.3336	2.12	included in delivery									
14.01.3361	2.12	included in delivery								11.01.4792	3.10
14.01.3362	2.12	included in delivery								11.01.4792	3.10
14.99.3336	2.12	included in delivery									
14.01.3328	2.13	included in delivery									
14.99.3328	2.13	included in delivery									
14.01.3249	2.14	included in delivery									

## What is a KVM-Switch?

### An electrical "Keyboard", "Video", "Mouse" - Switch! The easiest way to administrate multiple PCs!

- With only one console you can control two or more PCs or Servers
- You can accomplish all functions, which can be reached with keyboard or mouse without restriction
- The switching can be done in several ways:
  - Automatically in a scan run
  - Manually by push buttons on front side of switchbox
  - Hot-key (keyboard combination)
  - Via OSD (On Screen Display)

**Remark:** If you use numerous PCs the OSD is very helpful because it offers the possibility to give every single PC it's own name. Then they can be chosen and managed from the entry display.

- Mouse and Keyboard emulation for "Multiple Boot" function of PCs
- KVM's can be linked together, they can be cascaded

**Remark:** Sometimes special link cables are required for the cascading of several Switches.

- With some KVM's more than one User can use multiple PCs (Multi-User KVM-Switches)

#### Five reasons "Why to use a KVM?"

##### • SAVE MONEY

With a KVM-Switch you can control more PCs with only one Keyboard, one Mouse and one Monitor. You can reduce your Cost because you have to buy only one Monitor. Beneath these Hardware Costs, also the electricity costs are reduced to a minimum.

##### • SAVE TIME

You do not have to move from one Server or PC to another, just control them from one office desk

##### • SAVE SPACE

You need only one desk for your console. 19" KVM Switches could be placed in a 19" rack, you will earn more overview and space

##### • SAVE ADDITIONAL AIR CONDITIONING

While you are using less Monitors, less heat is produced. No more additional air conditioning is needed

##### • SAVE STRESS

Don't be stressed! Less Hardware is used, less administration is needed



### VALUE KVM Switch "Star", 1 User – 2 PCs, DVI, USB, Audio

- Controls two computers from a single console (USB keyboard, DVI monitor, USB mouse)
- Switch with two attached KVM cables (each 1.2 m)
- Supports independent audio switching
- Easy switching by push buttons or hot keys; auto scan function
- Keyboard and mouse emulation
- LED display for PC status monitoring
- Hot-swapping and plug & play
- Bus powered

#### Technical data:

Monitor connection:	1x DVI-F
Keyboard connection:	1x USB Type A F
Mouse connection:	1x USB Type A F
Audio connection:	2x 3.5 mm stereo plug
PC monitor connection*:	2x DVI M
PC keyboard/mouse connection*:	2x USB Type A M
PC audio connection*:	4x 3.5 mm stereo plug*
Max. resolution (nominal):	1920 x 1080
Casing:	Plastic

\*attached moulded Cables

- **Contents:** Switch with attached KVM cables (each 1.2 m), manual

**Order-No.** – Packing Unit

VALUE KVM Switch "Star", 1 User – 2 PCs, USB, DVI, Audio

**14.99.3259** – 5

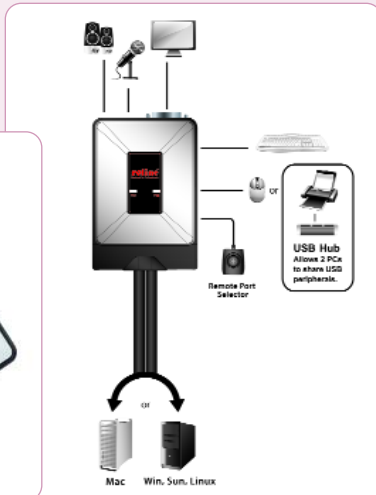
### ROLINE KVM Switch "Star" 1 User – 2 PCs, DVI, USB, Audio

- One DVI video console (USB keyboard, DVI monitor, USB mouse) controls two PCs
- Fully DVI-D specification compliant
- Audio (microphone and speaker) enabled – full bass response provides a rich experience for 2.1 surround sound systems
- Remote selection switch for convenient switch placement
- USB 2.0 connector for USB peripheral sharing (e.g. by connecting a hub with mouse, printer to the USB mouse connector)
- Independent switching of the KVM and audio focus – one computer can have the KVM focus while the other has the audio focus
- Superior video quality – up to 1920 x 1200 @ 60Hz (nominal); DDC2B

- **Contents:** Switch with built-in all-in-one cables (console 1.2 m; computers 0.6 m, 1.2 m), remote control with 1.8 m cable, manual

#### Technical data:

Console ports:	1x DVI-D, 2x USB Type A, 2x 3.5 mm stereo plug
KVM ports:	2x DVI-D, 4x USB Type A, 4x 3.5 mm stereo plug
Audio switching:	Speaker and microphone
Keyboard/mouse emulation:	yes
Max. resolution (nominal):	1920 x 1200



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**Order-No.** – Packing Unit

ROLINE KVM Switch "Star" 1 User – 2 PCs, DVI, USB, Audio

**14.01.3101** – 5

### VALUE KVM Switch „Star“, 1 User – 2 PCs, HDVideo, USB, Audio

This 2-port USB KVM Star switch employs HDMI display technology for use with high definition digital monitors and HDTVs. With integrated digital audio, it also allows users to experience high-definition sound.

- Hot-swapping and plug & play
- Self powered through USB connection
- Supported Operating Systems: Windows 98SE/ME/2000/XP/Vista/7/2003, Mac

- **Contents:** Switch with KVM cables (each 1.2 m), manual

- Controls 2 computers from a single USB console (keyboard/mouse)
- Supports HD audio
- Easy switching by pushing buttons or hot keys from USB keyboard
- Supports Auto-Scan function
- LEDs for PC and audio status monitoring

#### Technical data:

Monitor connection:	1x HDVideo F
Keyboard connection:	1x USB Type A F
Mouse connection:	1x USB Type A F
PC monitor connection:	2x HDVideo F
PC keyboard/mouse connection:	2x USB Type A M
Max. resolution (nominal):	1920 x 1200
Dimensions:	65 x 85 x 25 mm
Weight:	330 g



**Value**

**Order-No.** – Packing Unit

VALUE KVM Switch „Star“, 1 User – 2 PCs, HDVideo, USB, Audio

**14.99.3255** – 5

## VALUE KVM Switch "Star", 1 User – 2/4 PCs

- Up to 2/4 PCs can now be handled with one keyboard, one mouse and one monitor
- PC Selection via hot keys or over automatic scan function (14.99.3262, 14.99.3265, 14.99.3267)
- Easy to install, no software required
- Keyboard and mouse emulation
- LEDs for easy status monitoring
- You can also switch the audio connection to the Loudspeakers (14.99.3265)
- **Contents:** Switch with 2/4 integrated KVM cables (each 1.2 m), manual



Technical Data:	14.99.3262	14.99.3261	14.99.3265	14.99.3267
Monitor connection:	1x HD15 F	1x HD15 F	1x HD15 F	1x HD15 F
Keyboard connection:	1x PS/2 F	1x USB Type A F*	1x PS/2 F	1x USB Type A F*
Mouse connection:	1x PS/2 F	1x USB Type A F*	1x PS/2 F	1x USB Type A F*
Audio connection:	-	-	1x 3.5 mm F	-
PC monitor connection:	2x HD15 M*	2x HD15 M*	2x HD15 M*	4x HD15 M*
PC keyboard connection*:	2x PS/2 M*	1x USB Type A F*	-	-
PC mouse connection*:	2x PS/2 M*	1x USB Type A F*	-	-
PC mouse and keyboard*:	-	-	2x USB Type A M*	2x USB Type A M*
PC audio connection*:	-	-	2x 3.5 mm M*	-
Max. resolution (nominal):	1600 x 1200	1920 x 1200	1920 x 1440	1920 x 1440
Casing:	Plastic	Plastic	Plastic	Plastic

\*attached moulded Cables

Order-No. – Packing Unit

VALUE KVM Switch "Star" 1 User – 2 PCs, PS/2	14.99.3262 – 5
VALUE KVM Switch "Star" 1 User – 2 PCs, USB	14.99.3261 – 5
VALUE KVM Switch "Star" 1 User – 2 PCs, PS/2-USB, Audio	14.99.3265 – 5
VALUE KVM Switch "Star" 1 User – 4 PCs, USB	14.99.3267 – 5

## ROLINE KVM Switch "Star", 1 User – 2/4 PCs

- Automatic KVM Switch with attached moulded cables
- Up to 2/4 PCs can now be handled with one keyboard, one mouse and one monitor
- PC selection via hot keys or over automatic scan function
- Easy to install, no software required
- Hot-pluggable – add or remove computers for easy maintenance
- Keyboard and mouse emulation
- LEDs for easy status monitoring
- You can also switch the audio connection to the loudspeakers
- **Contents:** Switch with 2/4 integrated KVM cables (each 1.2m), manual



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Technical Data:	14.01.3270	14.01.3279	14.01.3262	14.01.3280
Monitor connection:	1x HD15 F	1x HD15 F	1x HD15 F	1x HD15 F
Keyboard connection:	1x PS/2 F	1x USB Type A F	1x PS/2 F	1x USB Type A F
Mouse connection:	1x PS/2 F	1x USB Type A F	1x PS/2 F	1x USB Type A F
Audio connection:	1x 3.5 mm F	1x 3.5 mm F	1x 3.5 mm F	1x 3.5 mm F
PC monitor connection*:	2x HD15 M*	2x HD15 M*	4x HD15 M*	4x HD15 M*
PC keyboard connection*:	2x PS/2 M*	-	4x PS/2 M*	-
PC mouse connection*:	2x PS/2 M*	-	4x PS/2 M*	-
PC mouse and Keyboard*:	-	2x USB Type A M*	-	4x USB Type A M*
PC audio connection*:	2x 3.5 mm M*	2x 3.5 mm M*	4x 3.5 mm M*	4x 3.5 mm M*
Max. resolution (nominal):	1920 x 1440	2048 x 1536	2048 x 1536	2048 x 1536
Casing:	Plastic	Plastic	Plastic	Plastic

\*attached moulded Cables

Order-No. – Packing Unit

ROLINE KVM Switch "Star" 1 User – 2 PCs, Audio, PS/2	14.01.3270 – 10
ROLINE KVM Switch "Star" 1 User – 2 PCs, Audio, USB	14.01.3279 – 10
ROLINE KVM Switch "Star" 1 User – 4 PCs, Audio, PS/2	14.01.3262 – 5
ROLINE KVM Switch "Star" 1 User – 4 PCs, Audio, USB	14.01.3280 – 5

## VALUE KVM Switch "Desktop", 1 User – 2/4 PCs, VGA, USB

- **Automatic KVM switch**
- Up to 2/4 PCs can be handled with one keyboard, one mouse and one monitor
- Computers can be booted at the same time (mouse and keyboard emulation)
- The switching can be done on several ways:
  - Automatically in a scan run
  - Manually by push buttons on the front side of the switchbox
  - Hot key (keyboard combination)
- Hot-swappable
- DDC2B compatible
- LEDs for channel display
- Power-free operation – draws power from the attached PCs, no power supply required
- **Remark:** For the connection of the PCs with the switch please order separately: for USB: 11.01.5515 (1.8 m) or 11.01.5516 (3 m); for PS/2: 11.01.5510 (1.8 m), 11.01.5511 (3 m)
- **Contents:** Switch, manual



Technical Data:	14.99.3276	14.99.3277
Monitor connection:	1x HD15 F	1x HD15 F
Keyboard connection:	1x USB Type A	1x USB Type A
Mouse connection:	1x USB Type A	1x USB Type A
PC monitor connection:	2x HD15 M	4x HD15 M
PC keyboard/mouse connection:	2x USB Type B	4x USB Type B
Max. resolution (nominal):	1920 x 1440	1920 x 1440
Dimensions (WxDxH):	157 x 75 x 20 mm	182 x 85 x 20 mm



	Order-No. – Packing Unit
VALUE KVM Switch "Desktop", 1 User – 2 PCs, VGA, USB + PS/2	14.99.3276 – 6
VALUE KVM Switch "Desktop", 1 User – 4 PCs, VGA, USB + PS/2	14.99.3277 – 6
ROLINE KVM Cable Switch – PC, USB	1.8 m 11.01.5515 – 24
ROLINE KVM Cable Switch – PC, USB	3.0 m 11.01.5516 – 12
ROLINE KVM Cable Switch – PC, PS/2	1.8 m 11.01.5510 – 24
ROLINE KVM Cable Switch – PC, PS/2	3.0 m 11.01.5511 – 12

## ROLINE KVM Switch, 1 User – 2/4 PCs, VGA, USB, Audio, with USB Hub

- Two functions in one device: automatic KVM switch and USB 2.0 hub
- Up to 2/4 PCs can be used with only one USB keyboard, one USB mouse and one VGA monitor
- Built-in 2-port USB 2.0 hub
- Supports widescreen resolutions
- Audio-enabled
- Computer selection via front panel push buttons, OSD (On Screen Display), hot keys, auto scan
- LED display for easy status monitoring
- Easy to install, no software required
- **Contents:** Switch, 2/4x special PC-connection cables (HD15 M / 2x 3.5 mm M – HD15 M / USB Type A / 2x 3.5 mm M), manual



Technical Data:	14.01.3232	14.01.3233
Monitor connection:	1x HD15 F	1x HD15 F
Keyboard connection:	1x USB Type A	1x USB Type A
Mouse connection:	1x USB Type A	1x USB Type A
Audio connection:	2x 3.5 mm stereo plug	2x 3.5 mm stereo plug
PC connection:	2x SPHD15 M	4x SPHD15 M
PC audio connection:	4x 3.5 mm stereo plug	8x 3.5 mm stereo plug
Max. resolution (nominal):	2048 x 1536	2048 x 1536
Dimensions (WxDxH):	55 x 140 x 87 mm	55 x 140 x 87 mm



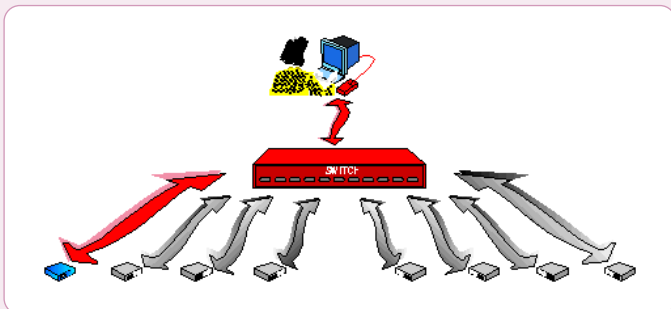
	Order-No. – Packing Unit
ROLINE KVM Switch, 1 User – 2 PCs, VGA, USB, Audio, with USB Hub	14.01.3232 – 10
ROLINE KVM Switch, 1 User – 4 PCs, VGA, USB, Audio, with USB Hub	14.01.3233 – 10

## VALUE 19" KVM Switches, VGA, USB



- Up to 8/16 PCs can be handled with one keyboard, one mouse and one monitor
- The switching can be done on several ways:
  - Manually by buttons on the front side of the switchbox
  - Hot key (keyboard combination)
  - Through OSD (On Screen Display)
- Max. resolution (nominal): 1920 x 1440
- Cascadable
- 19" rack mountable
- Remark: For connecting PCs (VGA + USB) special cable 11.99.5503 (3 m) has to be ordered separately
- **Contents:** KVM switch, power supply, 19" brackets, manual

Technical data:	14.99.3214	14.99.3215
Monitor VGA-connection:	1x HD 15-pin F	1x HD 15-pin F
Keyboard connection:	1x USB Type A / PS/2	1x USB Type A / PS/2
Mouse connection:	1x USB Type A / PS/2	1x USB Type A / PS/2
PC-connection:	8x SPHD 15-pin F	16x SPHD 15-pin F
Housing:	metal	metal
Dimensions:	438 x 170 x 44 mm	438 x 170 x 44 mm
Height:	1 U	1 U
Power supply:	9VDC 1A	9VDC 1A

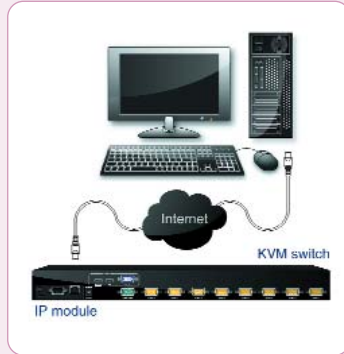


	Order-No. – Packing Unit
VALUE 19" KVM Switch, 1 User – 8 PCs, VGA, USB	14.99.3214 – 2
VALUE 19" KVM Switch, 1 User – 16 PCs, VGA, USB	14.99.3215 – 2
VALUE KVM Cable USB, VGA + USB for 14.99.3214/15	3 m 11.99.5503 – 10

## VALUE 19" KVM Switch, 1 User – 8/16 PCs, PS/2 + USB

- Automatic KVM Switch
- Up to 8/16 PCs can be handled with one keyboard, one mouse and one monitor
- The switch is cascadable, up to 64/128 PCs can be handled with one keyboard, mouse and one monitor
- The switching can be done on several ways:
  - Automatically in a scan run (Scan Interval adjustable: 5 – 99 sec.)
  - Manually by buttons on front side of the switchbox
  - Hot key (keyboard combination)
  - Through OSD (On Screen Display)
- Max. resolution (nominal): 1280 x 1024 (local unit); 1024 x 786 (remote unit with optional IP module)
- Hot-swappable function
- LEDs for channel display
- 19"-rack mountable
- Remote control over standard IP connection: **Supports an optional remote console over VALUE IP Module (please order 14.99.3030 separately)**

- **Remark:** For connecting PCs, special cables are needed, that have to be ordered separately (3 m length, USB: 11.99.5501; 3 m length, PS/2: 11.99.5502)
- **Contents:** KVM switch, power supply, 19" brackets, manual



### Technical Data:

Monitor connection:	1x HD15 F
Keyboard connection:	1x USB Type A F
Mouse connection:	1x USB Type A F
PC connection:	8x SPHD15 F
Casing:	Metal
Dimensions (WxDxH):	448 x 190 x 44 mm
Height:	1 U
Power supply:	5V DC, 1A

### 14.99.3222

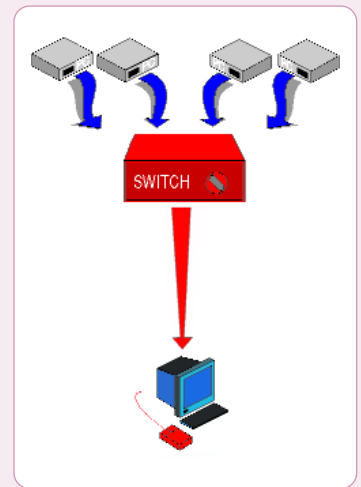
Monitor connection:	1x HD15 F
Keyboard connection:	1x USB Type A F
Mouse connection:	1x USB Type A F
PC connection:	8x SPHD15 F
Casing:	Metal
Dimensions (WxDxH):	448 x 190 x 44 mm
Height:	1 U
Power supply:	5V DC, 1A

### 14.99.3223

Monitor connection:	1x HD15 F
Keyboard connection:	1x USB Type A F
Mouse connection:	1x USB Type A F
PC connection:	16x SPHD15 F
Casing:	Metal
Dimensions (WxDxH):	448 x 190 x 44 mm
Height:	1 U
Power supply:	5V DC, 1A

## ROLINE 19" KVM Switch with OSD, 1 User – 4/8 PCs, PS/2 + USB

- One console controls 4/8 computers
- USB console, pure USB KVM switching
- Dual interface supports PS/2 and USB keyboard and mice PC connection
- Hot key, OSD (On Screen Display) switching
- Cascadable (triply, for controlling up to 64/512 PCs)
- Mouse and keyboard emulation, for error-free system boot up
- Audio enabled
- **Contents:** Switch, power supply, manual



### Technical Data:

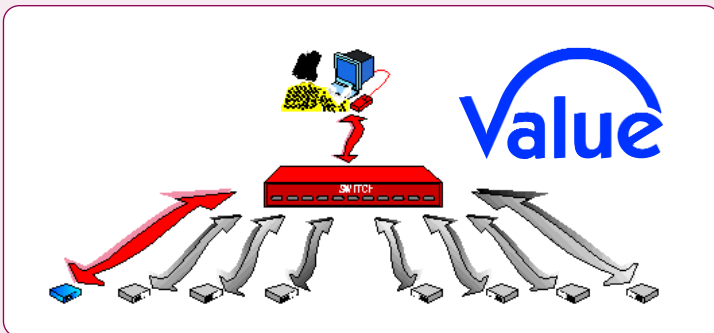
Monitor connection:	1x HD15 M
Keyboard connection:	1x USB Type A
Mouse connection:	1x USB Type A
Audio connection:	2x 3.5 mm F
PC connection:	4x SPDB15 F
PC audio connection:	8x 3.5 mm F
Max. resolution (nominal):	2048 x 1536
Casing:	Metal
Height:	1 U
Power supply:	5V DC, 2.6A

### 14.01.3285

Monitor connection:	1x HD15 M
Keyboard connection:	1x USB Type A
Mouse connection:	1x USB Type A
Audio connection:	2x 3.5 mm F
PC connection:	4x SPDB15 F
PC audio connection:	8x 3.5 mm F
Max. resolution (nominal):	2048 x 1536
Casing:	Metal
Height:	1 U
Power supply:	5V DC, 2.6A

### 14.01.3286

Monitor connection:	1x HD15 M
Keyboard connection:	1x USB Type A
Mouse connection:	1x USB Type A
Audio connection:	2x 3.5 mm F
PC connection:	8x SPDB15 F
PC audio connection:	16x 3.5 mm F
Max. resolution (nominal):	2048 x 1536
Casing:	Metal
Height:	1 U
Power supply:	5V DC, 2.6A



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	Order-No. – Packing Unit
VALUE 19" KVM Switch, 1 User – 8 PCs, PS/2+USB	14.99.3222 – 2
VALUE 19" KVM Switch, 1 User – 16 PCs, PS/2+USB	14.99.3223 – 2
VALUE IP Module for KVM Switch 14.99.3222/14.99.3223	14.99.3030 – 1
VALUE KVM Cable (USB) for 14.99.3222/.3223, black 3.0 m	11.99.5501 – 8
VALUE KVM Cable (PS/2) for 14.99.3222/.3223, black 3.0 m	11.99.5502 – 8

	Order-No. – Packing Unit
ROLINE 19" KVM Switch, 1 User – 4 PCs, Audio, PS/2 + USB, w. OSD	14.01.3285 – 3
ROLINE 19" KVM Switch, 1 User – 8 PCs, Audio, PS/2 + USB, w. OSD	14.01.3286 – 3
ROLINE KVM Cable PS/2 for 14.01.3285/14.01.3286 1.2 m	11.01.5489 – 20
ROLINE KVM Cable PS/2 for 14.01.3285/14.01.3286 1.8 m	11.01.5493 – 20
ROLINE KVM Cable PS/2 for 14.01.3285/14.01.3286 3.0 m	11.01.5487 – 20
ROLINE KVM Cable USB for 14.01.3285/14.01.3286 1.2 m	11.01.5494 – 20
ROLINE KVM Cable, USB for 14.01.3285/3286 1.8 m	11.01.5497 – 20
ROLINE KVM Cable USB for 14.01.3285/14.01.3286 3.0 m	11.01.5488 – 20

## VALUE Modular 19" LCD KVM Switches

**The professional solution for server management.**

**VALUE 19" consoles:**

- The VALUE 19" LCD consoles combine the function of a keyboard, a touchpad and a 43 cm/48 cm TFT together in a 1 U casing for a 19" rack
- Easy to install, single rail design
- Supports USB and PS/2 keyboard and mouse, VGA
- For an installation depth of 63 to 90 cm

**Monitor data 43 cm/48 cm:**

- Panel protected by tempered glass
- Active 43 cm/48 cm matrix TFT display
- Screen ratio: 4:3 / 16:10
- Max. resolution (nominal): 1024 x 768 / 1440 x 900
- Contrast: 450:1 / 850:1
- Brightness: 250 cd/m<sup>2</sup> / 300 cd/m<sup>2</sup>

- **Contents:** Console, rails with mounting accessories, rack mount brackets, keys, KVM cable (HDDB-15/VGA + 2x PS/2, 1.8m), USB cable, power supply, power cord, CD with manual, quick installation guide

**ROLINE 19" KVM switches:**

- For combination with the ROLINE 19" LCD KVM Consoles
- Up to 8/16 PCs can be controlled with one keyboard, one mouse and one monitor

- Supports both PS/2 and USB interface for connecting to PC ports conveniently
- No software required – easy PC selection via On Screen Display (OSD), push buttons, hot-keys
- Hot-pluggable – add or remove connected PCs without powering off the KVM switch or PCs
- Support two layers password security protection and search PC server name
- Keyboard status restored when switching PCs
- Please find adequate Cat. 5 and IP modules on the following pages

Remark: Please order KVM cables separately:  
Cable for PS/2: 11.01.5521, 11.01.5522  
Cable for USB: 11.01.5525, 11.01.5526

- **Contents:** Switch, installaion brackets, screws, manual

Accessories for ROLINE KVM switches on the following pages:

- 14.01.3033: ROLINE KVM over IP Module
- 14.01.3036: ROLINE KVM Cat. 5 Module
- 14.01.3037: ROLINE Cat. 5 Receiver for Cat. 5 Module



	Order-No. – Packing Unit
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, UK	26.99.0070 – 1
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, German	26.99.0071 – 1
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, Swiss	26.99.0072 – 1
VALUE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, French	26.99.0073 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, UK	26.99.0090 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, German	26.99.0091 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, Swiss	26.99.0092 – 1
VALUE 19" LCD KVM Console, 48 cm Widescreen TFT, USB + PS/2, French	26.99.0093 – 1
ROLINE 19" KVM Switch, 1 User – 8 PCs, USB + PS/2	14.01.3224 – 2
ROLINE 19" KVM Switch, 1 User – 16 PCs, USB + PS/2	14.01.3225 – 2
ROLINE KVM Cable Switch – PC, PS/2 1.8 m	11.01.5521 – 8
ROLINE KVM Cable Switch – PC, PS/2 3 m	11.01.5522 – 4
ROLINE KVM Cable Switch – PC, USB 1.8 m	11.01.5525 – 8
ROLINE KVM Cable Switch – PC, USB 3 m	11.01.5526 – 4

## ROLINE KVM over IP Module

This IP Module for the ROLINE 19" KVM Switches (14.01.3224 and 14.01.3225) offers you a smart solution for remote access to your servers from around the world.

IP module provides convenient, remote KVM access and control via LAN or Internet. It captures, digitizes, and compresses video signal and transmits it with keyboard and mouse signals to and from a remote computer. IP module provides a non-intrusive solution for remote access and control. Remote access and control software runs on its embedded processors only but not on mission-critical servers, so that there is no interference with server operation or impact on network performance.

- Simple use: just install the IP Module in the KVM Switch and then connect it to the internet over a network switch or router
- 256 bit SSL encryption of all transmitted data and certificate management
- Automatic adjustment of data rate to transmission line

- Can be controlled over all java-enabled browsers
- Remote mass storage control
- Max. resolution (nominal): Local: 1600 x 1200, remote: 1280 x 1024
- Connectors: RJ-45 (LAN), Mini USB (for mass storage device), RS232 (for firmware update)
- No additional software necessary on servers

- **Contents:** IP Module, manual on CD



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ROLINE KVM over IP Module **Order-No. – Packing Unit**  
**14.01.3033 – 1**

## ROLINE KVM Cat.5 Module and Cat.5 Receiver

- With Cat.5 Module **14.01.3036** for the ROLINE 19" LCD KVM Switches (14.01.3224 and 14.01.3225) you can increase the distance between your switch and your PC
- Enables user to access the computer, server or KVM switch up to 100 m away
- Easy use: Install the Cat.5 Module in the KVM Switch and then connect it with a Twisted Pair cable with the Cat.5 Receiver 14.01.3032 to your PC
- The KVM signals are transmitted over Cat.5/6/7 cables

- **Contents 14.01.3036:** Cat.5 Module, manual on CD

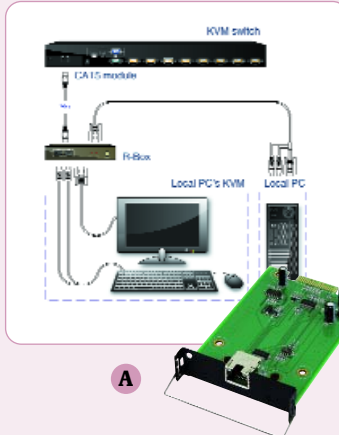
**Technical Details for 14.01.3037:**

- Collocate computers and servers on one location, Ideal for hazardous or unsecured environments
- Switch PCs by OSD (On Screen Display), push button or hot-keys
- User name and password protection
- Audible feedback when switching

- LED indicators for computer status and data transmission
- Works with PCs with PS/2 or USB port
- Connectors console side: 2x USB for keyboard and mouse
- Easy to install and use with plug & play functionality

- **Contents 14.01.3037:** Cat. 5 Receiver, manual on CD

- Please order connection cables separately:  
11.01.5521: ROLINE KVM Cable Switch-PC, PS/2, 1.8 m  
11.01.5522: ROLINE KVM Cable Switch-PC, PS/2, 3 m  
11.01.5525: ROLINE KVM Cable Switch-PC, USB, 1.8 m  
11.01.5526: ROLINE KVM Cable Switch-PC, USB, 3 m



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ROLINE KVM Cat.5 Module **Order-No. – Packing Unit**  
**A 14.01.3036 – 1**  
ROLINE Cat.5 Receiver for Cat.5 Module **B 14.01.3037 – 1**



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Lightbulb icon above the text '3.11'.

## ROLINE Modular 19" LCD KVM Switch

The professional solution for server-management.

### ROLINE 19" consoles:

- The ROLINE 19" LCD Console combines the function of a keyboard, a touchpad and a 43 cm/48 cm TFT together in a 1 U casing for a 19" rack
- For an installation depth of 63 to 90 cm
- Keyboard layout: English (UK)
- **Technical particularity of the ROLINE consoles:** Dual rail design for independent panel and keyboard drawer. Panel can be left open while rack door is closed, so that it can e.g. be used as a surveillance monitor.

### Monitor data:

- Panel protected by tempered glass
- Active 43 cm/48 cm matrix TFT display
- Max. resolution (nominal): 1024 x 768
- Refresh rate: up to 80 KHz
- Contrast: 400:1
- Brightness: 250 cd/m<sup>2</sup>
- **Contents:** Console, rails with mounting accessories, rack mount brackets, keys, KVM cable (HDDB-15/VGA + 2x PS/2, 1.8 m), USB cable, power supply, power cord, CD with manual, quick installation guide

### ROLINE 19" KVM switches:

- For combination with the ROLINE 19" LCD KVM consoles
- Up to 8/16 PCs can be controlled with one keyboard, one mouse and one monitor
- Supports both PS/2 and USB interface for connecting to PC ports conveniently
- No software required – easy PC selection via On Screen Display (OSD), push buttons, hot-keys
- Hot-pluggable – add or remove connected PCs without powering off the KVM switch or PCs
- Support two layers password security protection and search PC server name
- Keyboard status restored when switching PCs
- Please find adequate Cat. 5 and IP modules on the following pages

- **Remark:** Please order KVM cables separately:  
**Cable for PS/2:** 11.01.5521, 11.01.5522  
**Cable for USB:** 11.01.5525, 11.01.5526
- **Contents:** Switch, installation brackets, screws, manual

### Accessories for ROLINE KVM switches on the following pages:

- 14.01.3033: ROLINE KVM over IP Module
- 14.01.3036: ROLINE KVM Cat. 5 Module
- 14.01.3037: ROLINE Cat. 5 Receiver for Cat. 5 Module

Description	Order-No. – Packing Unit
<b>Consoles</b>	
ROLINE 19" LCD KVM Console, 43 cm TFT, USB + PS/2, UK	26.50.0081 – 1
ROLINE 19" LCD-KVM Console, 43 cm TFT, USB + PS/2, German	26.50.0082 – 1
ROLINE 19" LCD-KVM Console, 43 cm TFT, USB + PS/2, Swiss	26.50.0083 – 1
ROLINE 19" LCD-KVM Console, 43 cm TFT, USB + PS/2, French	26.50.0084 – 1
ROLINE 19" LCD KVM Console, 48 cm TFT, USB + PS/2, UK	26.50.0201 – 1
ROLINE 19" LCD-KVM Console, 48 cm TFT, USB + PS/2, German	26.50.0202 – 1
ROLINE 19" LCD-KVM Console, 48 cm TFT, USB + PS/2, Swiss	26.50.0203 – 1
ROLINE 19" LCD-KVM Console, 48 cm TFT, USB + PS/2, French	26.50.0204 – 1
<b>Switches</b>	
ROLINE 19" KVM Switch, 1 User – 8 PCs, USB + PS/2	14.01.3224 – 2
ROLINE 19" KVM Switch, 1 User – 16 PCs, USB + PS/2	14.01.3225 – 2
<b>KVM Cables</b>	
ROLINE KVM Cable Switch – PC, PS/2, 1.8 m	11.01.5521 – 8
ROLINE KVM Cable Switch – PC, PS/2, 3 m	11.01.5522 – 4
ROLINE KVM Cable Switch – PC, USB, 1.8 m	11.01.5525 – 8
ROLINE KVM Cable Switch – PC, USB, 3 m	11.01.5526 – 4

## ROLINE Cat.5 KVM Switch, 1 User – 8/16 PCs, VGA, USB and PS/2

With the ROLINE Cat.5 KVM switch you can control your servers even from distances up to 40 meters away. The optional IP module allows remote access to your servers from all over the world!

- Up to 8/16 PCs can be handled with one keyboard, one mouse and one VGA monitor
- Supports both USB and PS/2 keyboard/mouse
- Connection of the computers over Cat.5 dongle: PS/2 (14.01.3104) or USB (14.01.3105)
- Each server can be 40 meters away from this KVM switch by Cat.5 cable
- Max. resolution (nominal): 1600 x 1200
- On-Screen Display (OSD) and Touch Switch Panel make servers easy to access and control
- Hot Plug – add or remove connected PCs without powering off the KVM switch or PCs

- Supports an optional KVM over IP module (14.01.3034) for remote access of the servers over Internet and LAN
- Add a server at any time without interrupting other servers operation
- 19" rack mountable
- KVM switch, power supply, Cat.5 cable, rack mount kit, CD with manual



	Order-No.	Packing Unit
ROLINE Cat.5 KVM Switch, 1 User – 8 PCs, VGA, USB + PS/2	A	14.01.3102 – 2
ROLINE Cat.5 KVM Switch, 1 User – 16 PCs, VGA, USB + PS/2		14.01.3103 – 2
ROLINE Cat.5 Dongle for 14.01.3102/14.01.3103, PS/2	B	14.01.3104 – 6
ROLINE Cat.5 Dongle for 14.01.3102/14.01.3103, USB	C	14.01.3105 – 6
ROLINE IP Module for Cat.5 KVM 14.01.3102/14.01.3103	D	14.01.3034 – 1

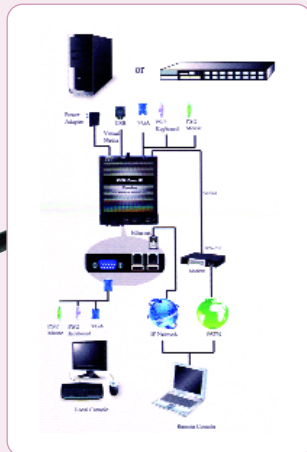


## VALUE KVM Extender over IP

Remotely administrate your server or KVM switch over standard IP connection or over modem (analogue telephone connection) – at every time from everywhere.

- Works with all servers and all KVM switches with OSD (On Screen Display)
- Allows access to BIOS level
- Offers the possibility to directly attach a PS/2 resp. USB console
- Windows based administration tools
- Firmware upgradable over RS-232 or LAN
- Security features: password security and SSL encryption for all signals
- Supports DynDNS

- Connection of PC/switch keyboard and mouse over PS/2 resp. USB
- Contents: KVM IP extender, power supply, KVM cable, USB cable, serial cable, rack mounting kit, software CD, manual



Technical data:	
<b>Connections PC/switch side:</b>	<b>14.99.3397</b> <b>14.99.3395</b>
Monitor:	1x HD15 F      1x HD15 F
Keyboard/mouse:	2x PS/2 F, 1x USB      2x PS/2 F
<b>Connections console side:</b>	
Monitor:	1x HD15 F      1x HD15 F
Keyboard/mouse:	2x PS/2 F, 2x USB      2x PS/2 F
LAN connection:	1x RJ-45 F
Serial connection:	1x DB9 F
Max. resolution (nominal):	2048 x 1536      1600 x 1200 (local console)
	1600 x 1200      1280 x 1024 (remote unit)
Casing:	metal      metal
Dimensions (WxDxH):	103 x 87 x 29 mm      110 x 121 x 41 mm
Power supply:	12 VDC, 1 A      12 VDC, 1.25 A



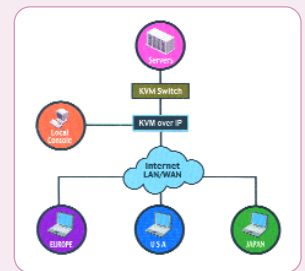
	Order-No.	Packing Unit
VALUE KVM Extender over IP, VGA, PS/2 + USB	14.99.3397	– 2
VALUE KVM Extender over IP, VGA, PS/2	14.99.3395	– 2

## ROLINE KVM Extender over IP

This switch is a control unit that provides "over-IP" capability to KVM switches that do not have built in over-IP functionality. It allows operators to monitor and access their computers from remote locations using a browser-based Windows Client or Java Applet, or with AP Windows and Java application programs. The switch provides a dedicated RS232 port for modem access, as well as a USB 2.0 port for virtual media capability.

- Remote control of your server over standard IP connection
- Web-based Windows and Java implementations allow the server to be controlled from any browser
- Virtual media (e.g. CD-ROM drive, flash drive) via USB 2.0 data transmission
- Windows based administration tools

- Supports TCP/IP, HTTP, HTTPS, UDP, DHCP, SSL, ARP, DNS, ICMP, CHAP, PPP, 10Base-T, 100Base-T
- Security features: Password protection and secure 128-bit SSL encryption
- Bandwidth optimization
- Rack mountable
- Firmware upgradable over RS232 or LAN
- Contents: KVM over IP, power supply (4.0-4.5V DC, 2.6-2.3A), KVM connection cables, rack mount kit, software CD, manual



Technical data:	
PC/switch connection:	1x SPDB 15 F
Monitor/keyboard/mouse connection:	1x SPDB 15 F
LAN connection:	1x RJ-45 F
Serial connection:	1x DB9 F
Virtual media connection:	1x USB mini B F
Max. resolution (nominal):	1600 x 1200 @ 60 Hz
Casing:	Metal
Dimensions (WxDxH):	200 x 80 x 25 mm
Power supply:	5V DC, 2.1 A



	Order-No.	Packing Unit
ROLINE KVM Extender over IP	14.01.3397	– 3



## ROLINE KVM IP Switches, 1 User – 8/16 PCs

### Remote access to your servers!

With the ROLINE KVM IP switches you can control your servers from everywhere at every time.

- Remote KVM access over IP or analog telephone line (modem needed)
- Suitable both for PS/2 and USB (special cables 11.01.5507/08 have to be ordered separately)
- Compliant with USB 2.0, USB 1.1
- Local video resolution (nominal): up to 2048 x 1536 @ 60Hz
- IP video resolution (nominal): up to 1600 x 1200 @ 60 Hz
- Switching can be done automatically in a scan run, by hot key (keyboard combination) or through OSD (On Screen Display)
- 256-bit SSL encryption

- Status LEDs
- Cascadable up to 3 levels
- 19" rack (1U) mountable
- **Contents:** KVM switch, power supply, rack mounting kit, manual

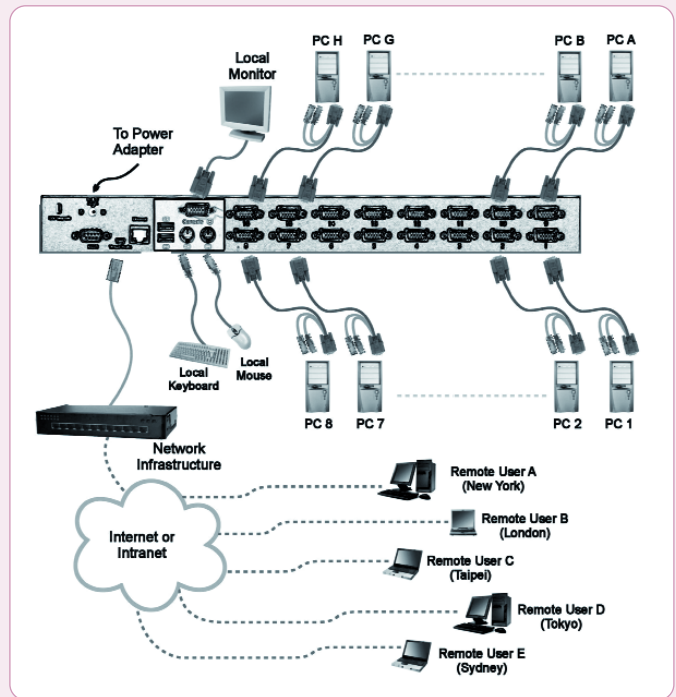
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### Technical data:

PC/switch connection:	8x/16x SPHD15 F
Monitor connection:	1x HD15 F
Keyboard connection:	1x PS/2 F + 1x USB F
Mouse connection:	1x PS/2 F + 1x USB F
LAN connection:	1x RJ-45 F
Max. resolution (nominal):	2048 x 1536
Casing:	Metal
Dimensions (WxDxH):	440 x 157 x 45 mm

### Order-No. – Packing Unit

ROLINE KVM IP Switch, 1 User – 8 PCs, VGA, USB and PS/2		<b>14.01.3376 – 1</b>
ROLINE KVM IP Switch, 1 User – 16 PCs, VGA, USB and PS/2		<b>14.01.3377 – 1</b>
ROLINE KVM Cable Switch – PC, PS/2+USB (for 14.01.3376/77)	1.8m	<b>11.01.5507 – 16</b>
ROLINE KVM Cable Switch – PC, PS/2+USB (for 14.01.3376/77)	3.0m	<b>11.01.5508 – 16</b>



## VALUE KVM Switch, 1 User – 2/4 PCs, DVI, USB, Audio

- Automatic KVM switch
- Up to 4 PCs can be used with only one Keyboard (USB), one mouse (USB) and one monitor (DVI-I)
- Audio function
- The switching can be done on several ways:
  - Automatically in a scan run
  - Manually by buttons on the front side of

- switchbox
- Hot key (keyboard combination)
- Fully compliant with USB 1.1
- LEDs for easy status monitoring
- **Contents:** KVM Switch, power supply, 4x KVM cables, manual

### Technical data:

Monitor connection:	1x DVI F
Keyboard/mouse connection:	2x USB Type B
Audio connection:	2x 3.5 mm stereo plug
PC monitor connection:	4x DVI F
PC keyboard/mouse connection:	4x USB Type B
PC audio connection:	8x 3.5 mm stereo plug
Max. resolution (nominal):	1920 x 1200
Dimensions (WxDxH):	209 x 95 x 45 mm
Power supply:	5V DC, 2A

**value**



### Order-No. – Packing Unit

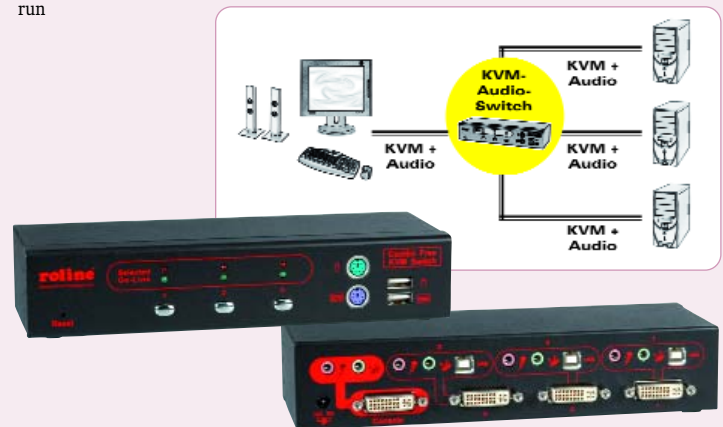
VALUE KVM Switch, 1 User – 4 PCs, DVI, USB, Audio	<b>14.99.3245 – 5</b>
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## ROLINE KVM Switch, 1 User – 3 PCs, DVI, Audio

- Control 3 computers from a single console (DVI monitor, USB and/or PS/2 mouse and keyboard)
- Speaker and microphone enabled
- Fully compliant with the USB 2.0/1.1 specification
- Mouse and keyboard emulation
- Supports hot-swapping
- Switching between computers by push button, hot key or automatically in a scan run

- Self powered through USB connection
- **Contents:** KVM Switch, KVM cables, manual

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### Technical data:

Monitor connection:	1x DVI F	PC mouse/monitor connection:	3x USB Type B
Tastaturanschluss:	1x USB Type A / 1x PS/2 F	PC audio connection:	6x 3.5mm Stereo plug F
Mouse connection:	1x USB Type A / 1x PS/2 F	Max. resolution (nominal):	1920 x 1080 @ 60Hz
Audio connection:	3x 3.5mm F	Dimensions (WxDxH):	215 x 88 x 45 mm
PC monitor connection:	3x DVI F	Power supply:	5VDC, 2,0A

### Order-No. – Packing Unit

ROLINE KVM Switch, 1 User – 3 PCs, DVI, USB, Audio	<b>14.01.3239 – 4</b>
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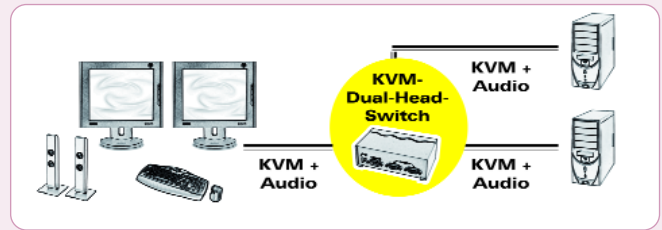
## ROLINE Dual Head KVM Switches, DVI, USB, Audio, with USB Hub

- Supports DVI dual head graphic cards
  - Controls two resp. four computers with one USB keyboard, USB mouse and two DVI monitors
  - Audio function (speaker, microphone)
  - Supports DVI-D Single Link
  - Front panel push buttons, keyboard hot-keys or mouse (optional) for easy computer selection
  - Auto scan function with selectable scan time interval
  - Auto skip for inactive ports
  - Easy to install – no software required
  - Hot-pluggable
  - Supported Operating Systems: Windows, Mac
- **Contents:** KVM switch, power supply, manual

Technical data:	14.01.3361	14.01.3362
Monitor connection:	2x DVI F	2x DVI F
Keyboard/mouse connection:	2x USB Type A F	2x USB Type A F
Audio connection:	2x 3.5 mm F	2x 3.5 mm F
PC monitor connection:	2x DVI F	4x DVI F
PC keyboard/mouse connection:	2x USB Type B F	4x USB Type B F
PC audio connection:	4x 3.5 mm F	8x 3.5 mm F
Max. resolution (nominal):	1600 x 1200	1600 x 1200
Dimensions (WxDxH):	42 x 200 x 80 mm	44 x 340 x 114 mm
Power supply:	9 VDC, 1 A	9 VDC, 1 A

Order-No. – Packing Unit

ROLINE Dual Head KVM Switch, 1 User – 2 PCs, DVI, Audio	14.01.3361 – 2
ROLINE Dual Head KVM Switch, 1 User – 4 PCs, DVI, Audio	14.01.3362 – 2
ROLINE KVM Star Cable, DVI / DVI + USB 1.8 m	11.01.4792 – 25
ROLINE Monitor Cable, DVI M – DVI M, (24+1) dual link 2 m	11.04.5525 – 25



## VALUE KVM Switch, 1 User – 4 PCs, HDMI, Audio, with USB Hub

- Integrated 1-port USB 2.0 hub
  - Microphone support
  - Fully compliant with HDMI High Speed
  - Supports nominal 480p, 720p, 1080i and 1080p
  - Switching via front panel push button or IR remote control
- **Contents:** Switch, power supply, remote control, manual



Technical data:	14.01.3327	14.01.3329
Monitor connection:	1x HDMI F	1x DP F
Keyboard connection:	1x USB Type A	1x DP F
Mouse connection:	1x USB Type A	1x DP F
Audio connection:	1x 3.5 mm audio jack	1x DP F
PC monitor connection:	4x HDMI F	1x DP F
PC keyboard/mouse connection:	4x USB Type B	4x DP F
PC audio connection:	4x 3.5 mm audio jack	4x DP F
Dimensions (WxDxH):	171 x 76 x 47 mm	44 x 220 x 130

Order-No. – Packing Unit

VALUE KVM Switch, 1 User – 4 PCs, HDMI, Audio, with USB Hub	14.99.3336 – 5
---	----------------

## ROLINE KVM Switches, DisplayPort, USB

- Control two resp. four computers from a single USB console (DisplayPort monitor, USB mouse and keyboard)
  - Max. resolution (nominal): 2560 x 1600
  - No software required
  - Supports Windows
  - Integrated 1-port USB 2.0 hub allows two resp. four computers to share a USB device
  - Easy computer selection via front panel push buttons or hot-key function
  - Selectable scan time interval
  - Supports 7.1 Channel High Definition Audio
- **Contents:** KVM switch, power supply, manual



Technical data:	14.01.3327	14.01.3329
Monitor connection:	1x DP F	1x DP F
Keyboard/mouse connection:	2x USB Type B F	2x USB Type B F
PC monitor connection:	2x DP F	4x DP F
PC keyboard/mouse connection:	2x USB Type B F	4x USB Type B F
Dimensions (WxDxH)(mm):	40 x 125 x 70	44 x 220 x 130

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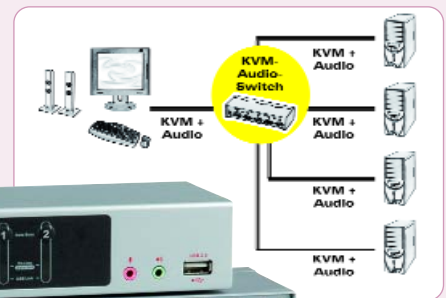
Order-No. – Packing Unit

ROLINE KVM Switch, 1 User – 2 PCs, DisplayPort, with USB Hub	14.01.3327 – 4
ROLINE KVM Switch, 1 User – 4 PCs, DisplayPort, with USB Hub	14.01.3329 – 1

## ROLINE KVM Switch, 1 User – 2/4 PCs, HDMI, Audio, with USB Hub

- With its unique design and innovative features, this USB 2.0 HDMI KVM switch provides both style and functionality for today's multimedia SOHO environment.
- 2/4-port HDMI USB 2.0 KVM switch
  - One USB console controls 2/4 HDMI-interface computers and 2 additional USB devices
  - 2-port USB 2.0 hub built in
  - Independent switching of console, USB peripherals, and audio focus via front panel push buttons and hot keys; auto scan mode
  - HDMI digital and analog monitor support – fully compliant with HDMI High Speed
  - Supports nominal 480i, 480p, 720p, 1080i and 1080p (HDTV)/1920 x 1200

- Video DynaSync to optimize display resolution
  - Supports widescreen resolutions
  - Dolby True HD and DTS HD Master Audio support
- **Contents:** Switch, power supply, 2x/4x special KVM cables, manual



Technical data:	14.01.3335	14.01.3336
Monitor connection:	1x HDMI F	1x HDMI F
Keyboard connection:	1x USB Type A	1x USB Type A
Mouse connection:	1x USB Type A	1x USB Type A
Audio connection:	2x 3.5mm F	2x 3.5mm F
PC monitor connection:	2x HDMI F	4x HDMI F
PC keyboard/mouse connection:	2x USB Type B	4x USB Type B
PC audio connection:	4x 3.5mm F	8x 3.5mm F
USB hub connection:	2x USB Type A	2x USB Type A
Max. resolution (nominal):	1920 x 1200 / 1080p (HDTV)	1920 x 1200 / 1080p (HDTV)
Dimensions (LxWxH):	730 x 205 x 45 mm	730 x 265 x 45 mm
Power supply:	5.3 V DC; 3.2 W	5.3 V DC; 3.2 W

Order-No. – Packing Unit

ROLINE KVM Switch, 1 User – 2 PCs, HDMI, Audio, with USB Hub	14.01.3335 – 5
ROLINE KVM Switch, 1 User – 4 PCs, HDMI, Audio, with USB Hub	14.01.3336 – 5

## VALUE PC-Share, 2 Users – 1 PC

- The VALUE PC-Share allows the connection of 2 monitors, 2 PS/2 keyboards and 2 PS/2 mice directly to one PS/2 computer
- The switching between the consoles takes place by hot key (keyboard combination)
- LEDs for easy status monitoring
- At least one console (monitor, keyboard, mouse) has to be connected to the box (channel 1)
- Connection to the PC via integrated KVM cables (1.2 m)
- **Contents:** PC-Share, manual



### Technical data:

#### Console ports:

Keyboard: 2x PS/2 M  
 Monitor: 2x HD15 F  
 Mouse: 2x PS/2 M

#### PC ports:

Keyboard: 1x PS/2 M  
 Monitor: 1x HD15 F  
 Mouse: 1x PS/2 M

#### \*attached Cable



**Order-No.** – Packing Unit

VALUE PC-Share, 2 Users – 1 PC, PS/2

**14.99.3321 – 5**

## VALUE KVM Extender over RJ-45, USB

- USB KVM extender allows access to a computer system from up to 150 meters away from a remote USB console (USB keyboard, mouse and VGA monitor)
- One Cat.5e cable connects the local and remote unit – up to 150 m away
- Dual console operation – control your system from both the local and remote console

- Auto resolution of the active console
- Supports VGA, SVGA
- Local monitor supports DDC, DDC2, DDC2B
- Casing: metal
- **Contents:** Local unit, remote unit, 2x power adapters, USB KVM cable, manual



### Technical data:

Cable length (nominal): up to 150 m  
 Max. resolution (nominal): 1280 x 1024 (depends on Cable length)  
 Cable type: Cat.5e TP Cable  
 Power supply: 5 VDC, 1 A  
 Dimensions (WxDxH): 82 x 25 x 13 mm

**Connectors:** remote unit local unit  
 Monitor: 1x HD 15-pin F 1x HD 15-pin F  
 Mouse/keyboard: 2x USB Type A F 2x USB Type A F  
 PC connection: 1x HD 15-pin F 1x HD 15-pin F

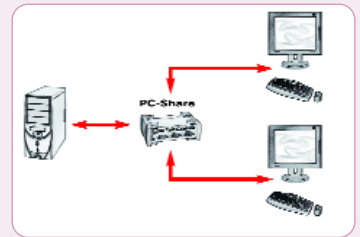
**Order-No.** – Packing Unit

VALUE KVM Extender over RJ-45, USB

**14.99.3328 – 3**

## ROLINE PC-Share, 2 Users – 1 PC

- The PC-Share box allows the connection of 2 USB consoles (keyboard, monitor, mouse) to one single computer, so that the computer can be operated from two workplaces
- Supports USB computers
- Manual or auto console selection
- Control the system with hot keys
- Firmware upgradable
- **Contents:** PC-Share, power supply, USB KVM cable (1.8 m), firmware upgrade cable, DIP switch sticker, manual



**Order-No.** – Packing Unit

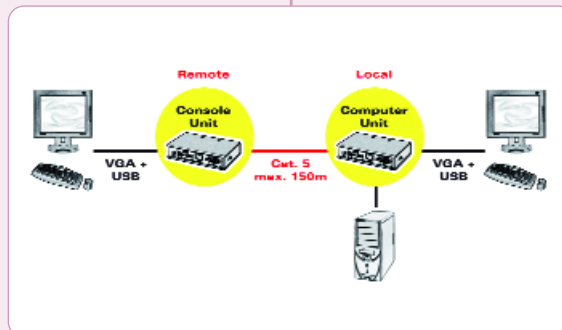
ROLINE PC-Share, 2 Users – 1 PC, USB

**14.01.3325 – 5**

## ROLINE KVM Extender over RJ-45, USB

- ROLINE USB KVM Extender with superior video quality allows access to a computer system up to 150 meters away from a remote USB console (USB keyboard, monitor and USB mouse).
- Cat.5e cable connects the local and remote unit – up to 150 m
- Dual console operation
- USB keyboard and USB mouse ports
- Push button operating mode selection – select between Local and Auto operating modes

- Automatic gain control – adjusts signal strength
- Max. video resolution (nominal): 1920 x 1200 @ 60Hz (30 m), 1600 x 1200 @ 60 Hz (100 m), 1280 x 1024 @ 60 Hz (150 m)
- Supports VGA, SVGA, SXGA, UXGA, WUXGA
- Local monitor supports DDC, DDC2, DDC2B
- Rack mountable
- Easy to install – no software required
- **Contents:** Local unit, remote unit, 2x power adapters, USB KVM cable, manual



### Technical data:

Cable length (nominal): up to 150 m  
 Max. resolution (nominal): 1920 x 1200 (depends on Cable length)  
 Cable type: Cat.5e TP Cable  
 Power supply: 5.3V DC, 2.8W  
 Dimensions (WxDxH): 82 x 25 x 13 mm

**Connectors:** remote unit local unit  
 Monitor: 1x HD 15-pin F 1x HD 15-pin F  
 Mouse/keyboard: USB Type A F USB Type A F  
 PC-connection: 1x SPHD 15-pin F 1x SPHD 15-pin F

**Order-No.** – Packing Unit

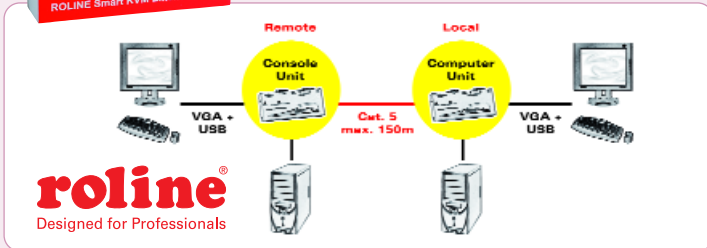
ROLINE KVM Extender over RJ-45, USB

**14.01.3328 – 3**

## ROLINE Smart KVM Extender

- Smart combination of KVM Extender (up to 150 m), KVM Switch and PC Share
- Connects the Computer Unit and Station Unit via Cat.5e TP cable
- Remotely locates the keyboard, mouse and monitor up to 150 m from a computer
- Video compensation can be adjusted by hotkey to ensure the optimum signal quality for any length of cable within the limit
- Easy installation
- Locates the computer away from your desk and work area, saving you valuable space
- Allows two users to share a single computer both in local and remote areas
- Applicable for one console to manage two computers locally and remotely
- Beeps confirmation for key control makes the operation easier and cross-checked
- Supports standard USB keyboards and mice
- Compatible with XGA, VGA, and SVGA systems

**Contents:** Local unit + power supply (9V DC, 600mA), remote unit, 2 special KVM cables (1.8 m), manual



<b>Technical Data:</b>		
Max resolution (nominal):	1024 x 768 (depends on Cable length)	
Cable type:	Cat.5e TP Cable (recommended: solid wire AWG24)	
Cable length:	up 150 m	
Power supply for local unit:	9V DC, 600mA	
Dimensions (each WxDxH):	156 x 65 x 20 mm	
<b>Connections:</b>		
	<b>Local Unit</b>	<b>Remote Unit</b>
Monitor:	1x HD15 F	1x HD15 F
Mouse/keyboard:	1x USB F	1x USB F
PC connection:	1x SPHD15 F	1x SPHD15 F

ROLINE Smart KVM Extender, USB **Order-No. – Packing Unit**  
**14.01.3249 – 6**

## ROLINE Wireless Audio/Video System, HDMI

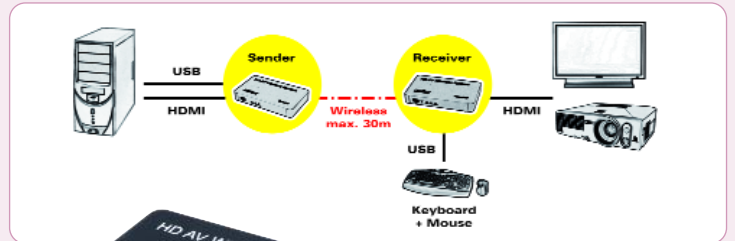
The ROLINE Wireless Audio/Video system transmits an HDMI signal wireless from an HD source device (e. g. DVD player, set-top-box, game console or a computer) to an HD TV or HD projector. So e. g. a TV set can be installed totally flexible and independent of a TV connection.

- For the connection of a computer there is an USB port for connection of a keyboard or mouse
- AES encryption for transmission security
- Contents: Sender, receiver, 2x base stand, external infrared emitter, 2x power supply, manual

Remark: These cables have to be ordered separately: 2x HDMI A M to HDMI A M and for the connection of a computer to the sender: 1x USB type A M to USB type A M

- Built-in-antenna for wireless data transmission of up to 30 m
- Resolution HDMI: Full HD 1080p (up to 1920 x 1080 nominal)
- External infrared emitter for extending the IR remote receiving function of e. g. your DVD player remote control

<b>Technical data:</b>	
Max. resolution (nominal):	1080p; SXGA (1280x1024)
Connectors:	1x HDMI F, 1x USB Type A F
Weight:	156 g
Dimensions (WxDxH):	160 x 90 x 25 mm
Power supply:	5V 3A DC



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ROLINE Wireless Audio/Video System, HDMI **Order-No. – Packing Unit**  
 30m **14.01.3406 – 1**

## ROLINE USB 2.0 Hub over IP, 4 Ports

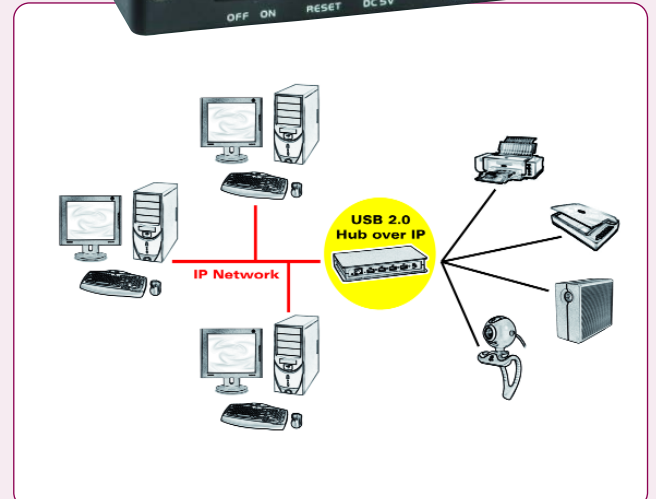
Offers access to up to 4 USB devices (e. g. HDD, multi-function printer) for one or more PCs (connection e.g. over an ethernet switch) over LAN.

- Supports up to 4 USB devices via external USB 2.0 hub controller
- Supports USB printers, multi-function printers, scanners, audio, mouse, keyboard, storage devices etc.
- Manages printing jobs by printer name instead of IP address
- Supports DHCP, configures IP address automatically
- Supports majority ethernet protocols TCP/IP, Bonjour search
- **14.02.5203 with Gigabit LAN connection 10/10/1000Mbit/s**
- Colour: black
- Contents: USB hub over IP, power supply, software CD, manual

<b>Technical data:</b>		
PC connection:	<b>14.02.5202</b>	<b>14.02.5203</b>
Input:	1x RJ-45 F 10/100BaseT	1x RJ-45 F 10/100/1000BaseTx
Power supply:	4x USB Type A	4x USB Type A
Dimensions:	5 VDC, 2 A	5 VDC, 2 A
	30 x 180 x 120 mm	30 x 180 x 120 mm

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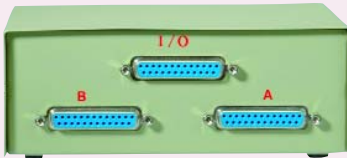
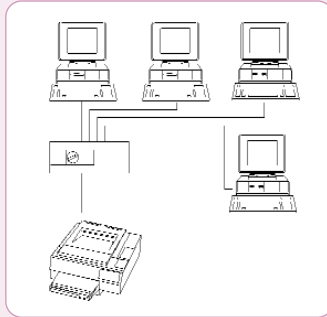
ROLINE USB 2.0 Hub over IP, 4 Ports, Fast Ethernet **Order-No. – Packing Unit**  
 black **14.02.5202 – 5**  
 ROeline USB 2.0 Hub over IP, 4 Ports, Gigabit Ethernet **14.02.5203 – 5**



## ROLINE Switch 25-pole

- 2 resp. 4 PCs share an external device or 1 PC is connected with 2 resp. 4 external devices
- The switch is fully neutral; both serial and parallel devices can be connected
- All connectors DB25 F, connected 1:1
- Switching takes place manually by turn-switch
- Suitable cables see page 3.08

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Order-No. – Packing Unit

ROLINE Switch 25-pin, AB

14.01.2005 – 20

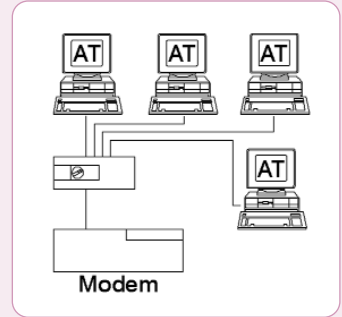
ROLINE Switch 25-pin, ABCD

14.01.2010 – 20

## ROLINE Switch 9-pole

- 2 resp. 4 PCs share a serial device (e.g. modem, serial printer) or 1 PC controls 2 resp. 4 serial devices (e.g. sensor)
- All connectors DB9 F
- Switching takes place manually by turn-switch
- Suitable cables see page 3.09

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Order-No. – Packing Unit

ROLINE Switch 9-pin, AB

14.01.2605 – 20

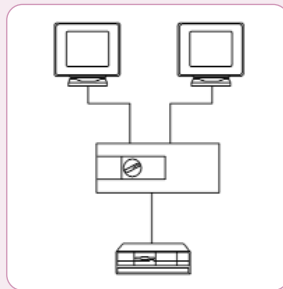
ROLINE Switch 9-pin, ABCD

14.01.2610 – 20

## ROLINE Switch VGA

- For 2 PCs and 1 VGA monitor or vice versa
- Ideal for demonstrations, servicing, technicians or operating staff
- All connections HD15 F
- Max. bandwidth: 800 x 600
- Switching takes place manually by turn-switch
- Suitable cables see pages 3.09

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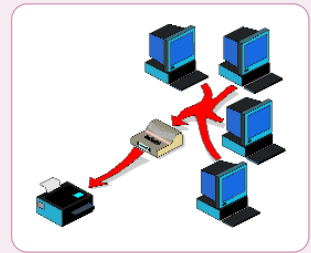
Order-No. – Packing Unit

ROLINE Switch VGA, AB

14.01.2930 – 20

## VALUE Manual USB 2.0 Printer Switch, 2/4 Ports

- This USB Switch offers the possibility for 2 up to 4 PCs to share a single USB device such as a printer, scanner or digital camera
- Access to the USB device manually via button on the switch
- Supports USB 2.0
- LEDs indicate the active port
- Bus-powered mode



- **Contents:** Switch

**Value**



Order-No. – Packing Unit

VALUE Manual USB 2.0 Printer Switch, 2 Ports

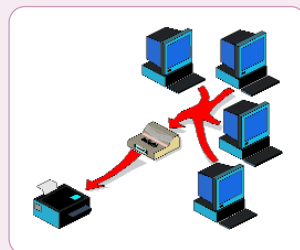
14.99.5032 – 10

VALUE Manual USB 2.0 Printer Switch, 4 Ports

14.99.5034 – 10

## ROLINE Manual USB 2.0 Printer Switch, 2/4 Ports

- This USB switch offers the possibility for 2/4 PCs to share a single USB device (e.g. a USB printer or scanner)
- Access to the USB device is via push button on switch or via hot key on keyboard
- Supports USB 2.0
- Two/four LEDs for port status indication
- Bus-powered mode, no external power supply
- **Contents:** Switch, manual



Technical data: 14.01.2332 14.01.2334

Upstream: 2x Type B 4x Type B  
Downstream: 1x Type A 1x Type A

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Order-No. – Packing Unit

ROLINE Manual USB 2.0 Printer Switch, 2 Ports

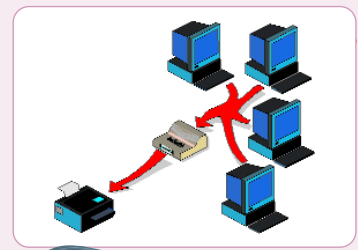
14.01.2332 – 20

ROLINE Manual USB 2.0 Printer Switch, 4 Ports

14.01.2334 – 20

## ROLINE Auto USB Switch, 2/4 Ports

- Enables 2/4 computers to share one peripheral USB device (e.g. a USB printer or scanner)
- Supports USB 2.0 High Speed (480Mbit/s)
- Hot-pluggable
- Supports all-in-one printers
- Supports auto-switch function for printer only
- Simple port selection via hot key or push-button
- LED display
- Bus-powered
- Supports Windows



Technical data: 14.01.2335 14.01.2336

Upstream: 2x Type B 4x Type B  
Downstream: 1x Type A 1x Type A

Order-No. – Packing Unit

ROLINE Auto USB Switch, 2 Ports

14.01.2335 – 20

ROLINE Auto USB Switch, 4 Ports

14.01.2336 – 20

## VALUE Type 3.5 Multifunction Front Panel

- For installation in a Type 3.5 slot
- 2x USB 1.1 ports
- 2x USB 2.0 ports
- 1x IEEE1394 (FireWire) port
- 1x Microphone
- 1x Speaker
- Supports all kinds of soundcards

**Technical data:**  
 USB connection: 2x USB 2.0 Type A  
 2x USB 1.1 Type A  
 FireWire connection: 1x FireWire 6-pin F  
 Audio connection: 2x 3.5mm stereo F  
 Dimensions (LxWxD): 101 x 90 x 25 mm



Order-No. – Packing Unit

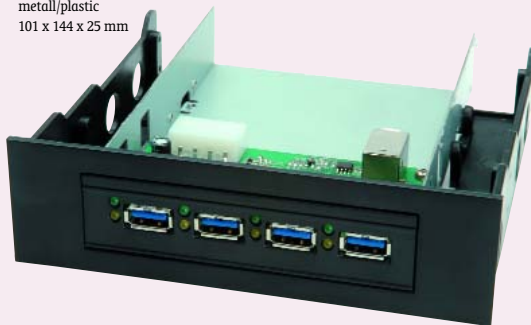
VALUE Type 3.5 Multifunction Front Panel

15.99.1000 – 10

## VALUE Internal USB 3.0 Hub, 4 Ports

- Offers four SuperSpeed USB 3.0 type A downstream ports
- Can be installed in a free type 3.5 or type 5.25 (by using the optional 5.25 mounting rack) device bay
- Compliant with USB 3.0, downwards compatible with USB 2.0, USB 1.1
- LED status indicator for each port
- 4-pin HDD power connector to supply up to 900 mA on each port
- Contents: USB hub, USB cable, power cable (4-pin HDD M-F), type 5.25 frame

**Technical data:**  
 Number of ports: 4  
 PC connection: 1x USB 3.0 Type B  
 Input: 4x USB 3.0 Type A  
 Color: black  
 Material (housing): metall/plastic  
 Dimensions (WxDxH): 101 x 144 x 25 mm



Order-No. – Packing Unit

VALUE Internal USB 3.0 Hub, for Type 3.5/5.25 Bay, 4 Ports

14.99.5009 – 5

## VALUE USB 2.0 Mini Hub, 4 Ports

- Small and solid 4-port hub with 4 USB connections – ideal for mobile use
- Compliant with USB 2.0 and USB 1.1
- Easy plug & play and hot-swap capability
- Port for external power supply (not included in delivery)

- Contents: USB hub, USB cable (Type A M, Mini B M; 90 cm)



Order-No. – Packing Unit

VALUE USB 2.0 Mini Hub, 4 Ports

black 14.99.5013 – 20

## VALUE Internal USB 2.0 Hub, 4 Ports

- Up to four devices can be connected to this hub
- Type 3.5 hub with additional adapter frame for type 5.25 slot
- Supports USB 2.0 data transfer rate up to 480 Mbit/s
- Backwards compatible with USB 1.1
- LEDs for Power and Port status
- Colour: Black
- Contents: Hub, internal power adapter cable, USB cable, type 5.25 frame



**Technical data:**  
 PC connection: 1x USB 5-pin Mini  
 Input: 4x USB Type A  
 Dimensions (LxDxH): 101 x 68 x 25 mm  
 Power supply: over special Cable (included)



Order-No. – Packing Unit

VALUE Internal USB 2.0 Hub, 4 Ports

14.99.5028 – 20

## ROLINE Internal USB 3.0 Hub, 4 Ports

- This internal ROLINE hub offers four SuperSpeed USB 3.0 type A downstream ports
- For installation in a free type 3.5 device bay – connection over an external USB 3.0 port of the PC
- Compliant with Universal Serial Bus 3.0 specification revision 1.0
- All USB 3.0 ports can handle SuperSpeed (5 Gbit/s), HighSpeed (480 Mbit/s), FullSpeed (12 Mbit/s), and LowSpeed (1.5 Mbit/s)
- Supports any USB 3.0, USB 2.0 and USB 1.1 devices
- 15-pin SATA power connector to supply 900 mA, max 1.5A 5V bus power on each port
- Supports LED status indicator on each down-stream port
- Slot bracket included in delivery to direct the cable outside the computer casing for connection to an external USB 3.0 port
- Supports Windows 2000/2003/XP/Vista/7 and Mac OS 10.X
- Contents: USB hub, internal USB cable, slot bracket

**Technical data:**  
 Number of ports: 4  
 PC connection: 1x USB 3.0 Type B  
 Input: 4x USB 3.0 Type A  
 Color: black  
 Material (housing): metall/plastic  
 Dimensions (WxDxH): 101 x 144 x 25 mm



Order-No. – Packing Unit

ROLINE Internal Type 3.5 USB 3.0 Hub, 4 Ports

14.02.5009 – 10

## VALUE USB 2.0 Pocket Hub, 4 Ports

- This hub can connect up to four USB devices over the USB port of a PC
- LED indicator for power and access
- Plug & play, hot-swappable
- Bus powered, no external power supply required
- Handy, retractable cable included in delivery

- Contents: USB hub, USB cable (50 cm, retractable)



**Technical data:**  
 PC connection: 1x USB Mini Type B  
 Input: 4x USB Type A  
 Dimensions (WxDxH): 92 x 14 x 32 mm  
 Power supply: 5VDC, 2A



Order-No. – Packing Unit

VALUE USB 2.0 Pocket Hub, 4 Ports

silver 14.99.5007 – 20

## VALUE USB 2.0 Micro Aluminium Hub

- Small and solid aluminium hub
- Up to four devices can be connected with this hub
- Backwards compatible with USB 1.1
- Power supply from two USB ports of the PC over a special USB Y-cable

- **Contents:** UB2.0 Hub, USB Y-cable (1 m, 5-pin mini – 2x Type A)

**Technical data:**

PC connection: 1x USB 5-pin mini  
 Input: 4x USB Type A  
 Dimensions (LxWxH): 72 x 33 x 13 mm



**Order-No.** – Packing Unit  
**14.99.5020** – 20

VALUE USB 2.0 Micro Aluminium Hub, 4 Ports

## VALUE USB 2.0 Blue Light Slim Hubs

- Small and solid hub for connection of 4/7 peripheral USB devices
- When the hub is connected, it illuminates in blue
- Compliant with USB 2.0 & USB 1.1
- Easy plug & play and hot-swappable Capability
- Support self or bus power mode

- **Contents:** Hub, power supply, USB cable (90 cm)



**Technical Data:**

**14.99.5005/14.99.5006**

PC connection: 1x USB 5 pin Mini  
 Input: 4x/7x USB Type A  
 Dimensions (LxDxH): 92 x 47 x 16 mm  
 Power supply: 5V DC 2A/5V DC 4A

**Order-No.** – Packing Unit

VALUE USB 2.0 Blue Light Slim Hub, 4 Ports

**14.99.5005** – 20

VALUE USB 2.0 Blue Light Slim Hub, 7 Ports

**14.99.5006** – 20

## ROLINE USB 2.0 Pocket Hub, 4 Ports

- With this hub up to four peripheral USB devices can be connected to one USB port of a computer or notebook
- Compact and nice Aluminium design for mobile use
- Compliant with USB 2.0 and USB 1.1
- Plug & play

- Power supplied by PC interface or by external power supply (not included)
- **Contents:** Hub, USB 2.0 Y-cable (79 cm)

**Technical data:**

PC connection: 1x USB Type Mini B  
 Input: 4x USB Type A  
 Dimensions (WxDxH): 100 x 25 x 25 mm  
 Power supply: 5VDC 2.0A



**Order-No.** – Packing Unit

ROLINE USB 2.0 Pocket Hub, 4 Ports

silver **14.02.5019** – 20

## VALUE USB 2.0 Notebook Hubs

- This hub can connect up to four USB devices
- Compact and nice design with integrated moulded USB cable
- USB 2.0, compatible with USB 1.1
- LEDs for Power and Port status
- 14.99.5016 with external power supply

- **Contents:** Hub, power supply (only 14.99.5016), attached USB cable (2 cm)

**Technical data:**

PC connection: 1x USB Type A (attached Cable)  
 Input: 4x USB Type A  
 Dimensions (WxDxH): 90 x 44 x 14 mm  
 Power supply (for 14.99.5016): 5 VDC, 2 A



**Order-No.** – Packing Unit

VALUE USB 2.0 Notebook Hub, 4 Ports

**14.99.5015** – 20

VALUE USB 2.0 Notebook Hub, 4 Ports, with power supply

**14.99.5016** – 20

## ROLINE USB 2.0 Hubs „Black and White“

- These hubs allow you to connect up to 4/7/10 USB peripheral devices to your computer or notebook over one USB port
- Stylish „Black and White“ design and compact size
- USB 2.0, compatible with USB 1.1
- Power LED
- Plug & play
- Bus-power and self-power mode (power supply included)
- 14.02.5011: stand for upstanding or flat mounting included
- **Contents:** Hub, power supply, USB 2.0 cable, manual

- Remark 11.02.8849:**
- Special USB connection cable for the ROLINE hubs 14.02.5011 and 14.02.5012
  - For the connection between the hub (14.02.5011 or 14.02.5012) and a USB device (e.g. printer, scanner, ...)



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**Technical data:**

**14.02.5010**  
 PC connection: 1x 5-pin Mini  
 Input: 4x USB Type A  
 Dimensions (WxDxH): 66 x 36 x 12 mm  
 Length USB Cable: 0.5 m

**14.02.5011**  
 1x USB Type B  
 7x USB Type A  
 25 x 70 x 85 mm  
 0.5 m

**14.02.5012**  
 1x USB 5-pin Mini  
 10x USB Type A  
 156 x 75 x 20 mm  
 1.0 m

**Order-No.** – Packing Unit

ROLINE USB 2.0 Hub „Black & White“, 4 Ports, with Power Supply

**14.02.5010** – 20

ROLINE USB 2.0 Hub „Black & White“, 7 Ports, with Power Supply

**14.02.5011** – 10

ROLINE USB 2.0 Hub „Black & White“, 10 Ports, with Power Supply

**14.02.5012** – 10

ROLINE USB 2.0 Cable for USB Hub 14.02.5011 and 14.02.5012

12 m **11.02.8849** – 5

## ROLINE USB 2.0 Net Share Station

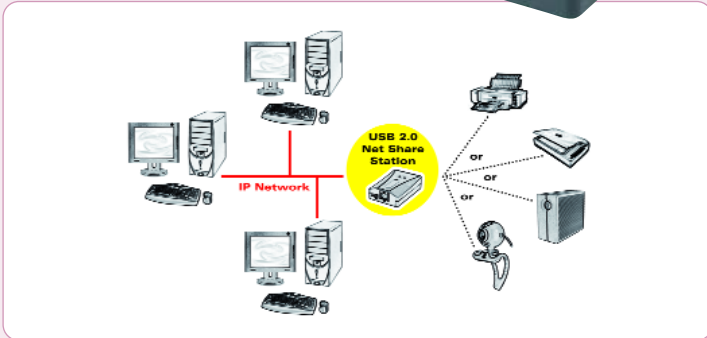
Share one USB device as e. g. a printer, webcam, external hard drive, flash drive or memory card reader with multiple users over your home or office network. Allows multiple users to print, scan, and fax from any computer on a network with the same multi-function printer.

- Supports USB 2.0 and 1.1 devices
- Supported protocols: LPR/LPD, DHCP, UPnP
- Network protocols: TCP/IP
- USB device connection: 1x USB 2.0
- Network connection: 1x RJ-45 (10/100 Mbit/s)
- Dimensions: 88.5 x 55 x 23 mm

- Supported Operating Systems: Windows XP/Vista/7
- **Contents:** Net Share Station, power supply, ethernet cable, driver CD, manual



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ROLINE USB 2.0 Net Share Station, 1 Port	<b>Order-No. – Packing Unit</b> <b>14.02.5204 – 2</b>
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## VALUE USB 3.0 Hub, 4 Ports

This hub can connect up to four USB devices with SuperSpeed

- 4x USB 3.0 Type A SuperSpeed ports
- Data transfer rates of up to 5.0 Gbit/s
- Fully backwards compatible with USB 2.0
- LED status indicator for each port
- Hot-swappable
- Dimensions (WxDxH): 72 x 47 x 15 mm

**Technical data:**  
PC connection: 1x USB Type B  
Input: 4x USB Type A  
Dimensions (LxWxH): 24 x 95 x 55 mm  
Power supply: 5V 4A

- Power supply (5V, 4A) included
- Colour: Black
- **Contents:** Hub, power supply, USB 3.0 cable (1.1 m), manual



**Value**

VALUE USB 3.0 Hub, 4 Ports, with Power Supply	<b>Order-No. – Packing Unit</b> <b>14.99.5008 – 5</b>
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## ROLINE USB 3.0 Mini Hub, 4 Ports

This compact and stylish mini hub can connect up to four USB devices with SuperSpeed

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1

**Technical data:**  
PC connection: 1x USB Micro Type B  
Input: 4x USB Type A  
Dimensions (WxDxH): 79 x 60 x 16 mm  
Power supply: 5V, 4A

- PC connection: 1x USB 3.0 Micro Type B
- Hot-swappable
- Metal case
- **Contents:** Hub, power supply, USB 3.0 cable, manual

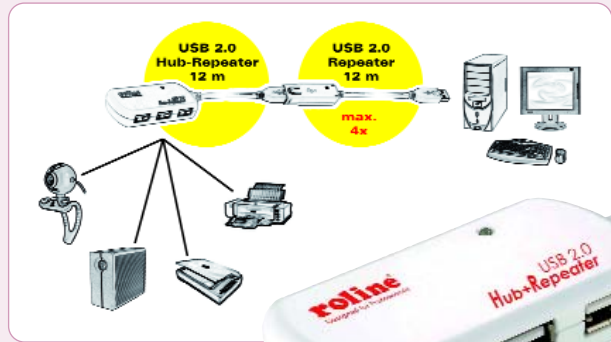
ROLINE USB 3.0 Mini Hub, 4 Ports, with Power Supply	<b>Order-No. – Packing Unit</b> <b>14.02.5016 – 5</b>
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## ROLINE USB 2.0 Hub, 4 Ports, with Repeater

- Active extension of USB 2.0 bus
- The extension acts like a USB hub with 12 m cable
- Full compliance with USB 2.0, USB 1.1
- Plug & play, no additional drivers required
- Power over USB port from the PC
- **Additional extension:** With its unique design, this hub can lock to USB 2.0 active repeater cable 12.04.1086 by clipping – which offers another 12 m of length. With up to 5 of this hub & repeater cables chained together, you can reach a maximum distance of up to 60 m. **The active repeater cable**

**12.04.1086 is only compatible with 12.04.1085 and can't be separately used.**

**Technical data:**  
**12.04.1085**  
- Connectors: 1x USB Type A M, 4x USB Type A F  
- Full compliance with USB 2.0 / 1.1 specification  
- Plug & play, no additional drivers required  
- Cable length: 12 m  
- Housing dimensions: 81.7 x 41 x 16.7 mm



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ROLINE USB 2.0 Hub, 4 Ports, with Repeater	12 m	<b>Order-No. – Packing Unit</b> <b>12.04.1085 – 10</b>
ROLINE USB 2.0 Active Repeater Cable for 12.04.1085	12 m	<b>12.04.1086 – 10</b>

## ROLINE USB 3.0 Hub, 4 Ports

This ROLINE hub can connect up to four USB devices with SuperSpeed

- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- LED status indicator for each port
- Hot-swappable
- Colour: Black

- **Contents:** Hub, power supply, USB 3.0 cable, manual

**Technical data:**  
PC connection: 1x USB Type B  
Input: 4x USB Type A  
Dimensions (LxWxH): 24 x 95 x 55 mm  
Power supply: 5V 4A



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ROLINE USB 3.0 Hub, 4 Ports, with Power Supply	<b>Order-No. – Packing Unit</b> <b>14.02.5015 – 10</b>
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# Computer Cables Connectors Adapters



3

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## USB and FireWire Cables

The **Universal Serial Bus (USB)** was designed to standardize the connection of computer peripherals, such as keyboards, pointing devices, digital cameras, printers, portable media players, disk drives and network adapters to PCs, both to communicate and to supply electric power. It has become common on other devices, such as smart phones, MP3 players, PDAs and video game consoles. USB has effectively replaced numerous earlier interfaces, such as serial and parallel ports, as well as separate power chargers for portable devices.

Every peripheral USB device has to follow a hierarchical structure, beginning from the PC. Hubs can be connected together (cascaded) so that a kind of tree structure for USB devices is created.

The **USB 1.1** standard supports a data transfer rate of 12 Mbit/s. It was followed by **USB 2.0**, specified in the year 2000 and nowadays the most popular version, offering a much higher data transfer rate of 480 Mbit/s. Every USB 2.0 cable and device is backward compatible with the USB 1.1 standard. A USB 2.0 cable can supply 500 mA power. There are two main connector types: Type A for upstream to the host/PC and Type B for downstream to a peripheral device. Moreover there are available various types of USB mini plugs for smaller devices as e. g. cameras and smart phones. In 2009 SuperSpeed **USB 3.0** was introduced, which increases the transfer rate to 5 Gbit/s. To accommodate the additional pins for SuperSpeed mode, the physical form factors

for USB 3.0 plugs and receptacles have been modified from those used in previous versions. The type A plug is downwards compatible. The type B, Mini B, Micro B, Mini A, Micro A plug are new connectors and can't be used with USB 2.0 peripheral devices.

**FireWire or IEEE 1394** was accepted first in the Apple environment and beyond that also in the multimedia world. With the introduction of the USB 3.0 standard in the market FireWire loses its importance and nowadays can be only found on a few products. The standard follows the peer-to-peer principle, which means that all attached devices are equivalent and can directly communicate with each other.

The original standard IEEE1394a offers a data transfer rate of 400 Mbit/s. The connectors have got 6 pins. 2 wires are used for the power supply and 4 wires for the data transfer. Besides the 6-pin connector there is also a 4-pin connector available. The connector is smaller and there is no possibility to transfer electricity. Devices with 4-pin connector need an external power supply. Since 2003 there is the standard IEEE1394b with a data transfer rate of 800 Mbit/s. Cables with this standard have connectors with 9 pins, for data transfer and power supply.

## ROLINE Computer Cables

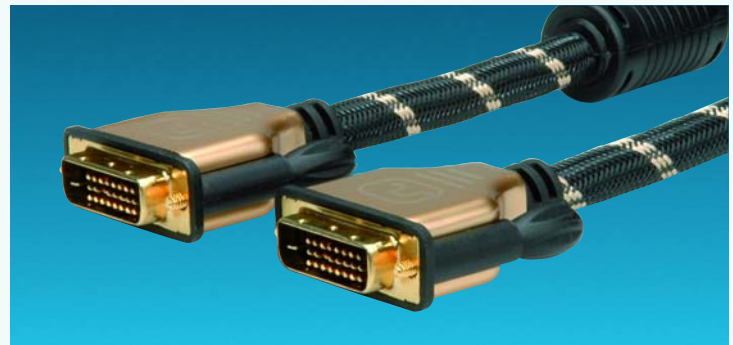
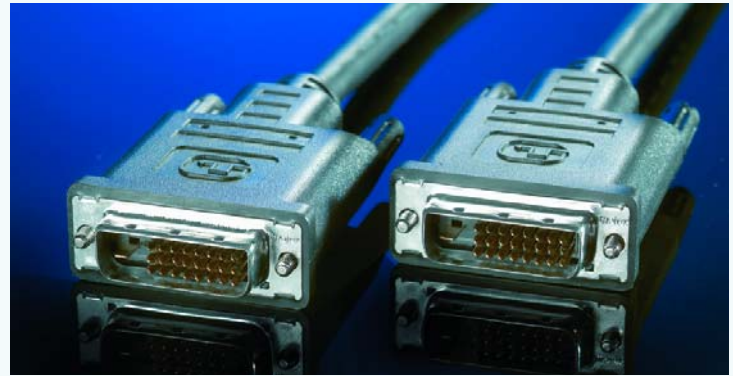
Still peripheral devices as e. g. keyboard, mouse, monitor, printer, scanner, HDD are in general connected to a PC over a cable. While the peripheral devices are carefully chosen, the according connection cables often do not attract much attention. Though they are essential for the optimum use of the expensive peripherals. Our ROLINE cables offer a very good quality for a good price and we offer a solution for every important

application. These high quality cables are all shielded and guarantee permanent functional safety even during hard industrial use.

## ROLINE Computer Cables for EPP Interfaces

Enhanced Parallel Port (EPP) is based on the IEEE 1284 specification. The interface is designed to allow devices like printers, scanners or storage devices to transmit large amounts of data while quickly being able to switch channel direction. EPP can provide up to 1.5 MByte/s bandwidth, approximately 15 times the speed achieved with normal parallel port communication with far less CPU overhead. Electromagnetic compatibility (EMC) in critical environments is an important issue for the data transfer rates of these cables, especially for greater

lengths. Therefore our ROLINE cables for EPP interfaces offer superior quality features: e. g. double shielded connector casings (foil and braid), gold plated pins that are connected to the wires by a 360° soldering.



## Monitor Cables – VGA / DVI / HDMI / DisplayPort

The most frequently used interface for the connection between monitors and graphic cards is still the analog computer display standard VGA (**V**ideo **G**raphics **A**rray) with 15-pin D-SUB (HD15) connectors. Though cable is not equal to cable! The differences can be found inside the cable: different ways of screening, wire quality and connectors are making the difference between monitor cables.

**VALUE VGA monitor cables** have 14 wires which are 1:1 connected. Pin 9 is not connected.

**VALUE SVGA monitor cables** for a good picture quality, consist of 3 coaxial wires for the colour signals and 7 AWG28 wires, combined in a shielded cable.

**ROLINE VGA monitor cables** have also 14 wires which are 1:1 connected. Also pin 9 is not connected. In this cable an additional screen is connected with the connector.

**ROLINE High Quality monitor cables** - with or without ferrite core - are suitable ideally for the transport of signals on longer distances. 3 coaxial wires for the colour signals and 7 AWG28 wires, combined in a high-quality protected cable with double shielding ensure an optimum picture quality. There are also available 3S+9 cables with all pins connected which are offering DDC functionality.

**DVI (Digital Video Interface)** is a digital video interface standard covering the transmission of video between LCD monitors and graphic cards/PCs. There are three types of DVI connections: DVI-Digital, DVI-Analog, DVI-Integrated (Digital & Analog).

DVI-D cables are used for direct digital connections between graphic card and digital LCD monitor. DVI-D eliminates the analog conversion process and improves the connection between source and display.

**DVI-A** cables are used to carry an analog signal to an analog display, such as a CRT monitor or a HDTV. Although some signal quality is lost from the digital to analog conversion, it still

transmits a higher quality picture than the VGA standard.

**DVI-I** cables are integrated cables which are capable of transmitting either a digital-to-digital signal or an analog-to-analog signal. This makes it a more versatile cable, being usable in either digital or analog situations.

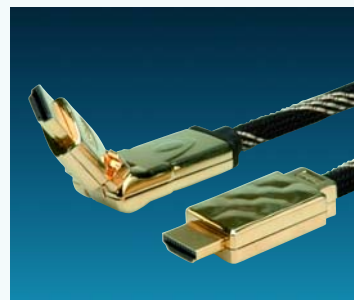
DVI digital and analogue formats are non-interchangeable. This means that a DVI-D cable will not work with an analogue system, nor a DVI-A on a digital system. To connect an analogue source to a digital display, you need a VGA to DVI-D electronic converter; to connect a digital output to an analogue monitor, you need a DVI-D to VGA converter.

**HDMI (High-Definition Multimedia Interface)** provides an interface between any audio/video source such as a set-top box, DVD/Blue-ray player or A/V receiver and a video monitor or projector, over a single cable with Full HD quality. The HDMI High Speed standard delivers a crystal-clear, all-digital audio and video signal. This dramatically simplifies cabling and helps to provide consumers with the highest-quality home theater experience. The newer standard HDMI High Speed with Ethernet additionally offers Ethernet, audio return channel and supports 3D video formats.

Mini HDMI (type C) and Micro HDMI (type D) connectors are applicable for connecting e. g. smart phones, PDAs and digital cameras.

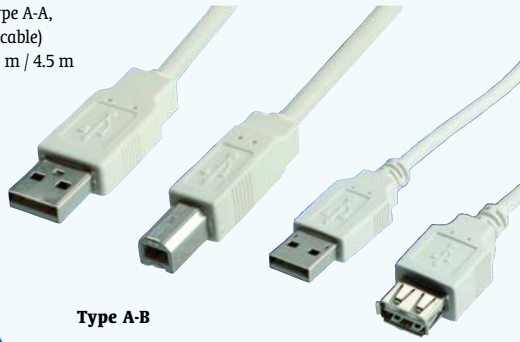
**DP (DisplayPort)** is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DP is to be used primarily between a computer and its display monitor or a computer and a home-theater. DP is signal compatible with HDMI. The small and compact Mini DP connector is more and more often used for portable devices (e. g. Apple MacBook) and graphic cards where only little space is available.

Particularity: A connection between DP and HDMI or DVI is only working in one direction: the DP plug has to be connected to the source device (e. g. graphic card).



## VALUE USB 2.0 Cable

- Three Types: Type A-B, Type A-A, Type A, M – F (extension cable)
- Lengths: 0.8 m / 1.8 m / 3 m / 4.5 m
- Colour: White



Type A-B

Type A-A, M/F



### Order-No. – Packing Unit

VALUE USB 2.0 Cable, Type A-B	0.8 m	<b>11.99.8809 – 50</b>
VALUE USB 2.0 Cable, Type A-B	1.8 m	<b>11.99.8819 – 100</b>
VALUE USB 2.0 Cable, Type A-B	3 m	<b>11.99.8831 – 100</b>
VALUE USB 2.0 Cable, Type A-B	4.5 m	<b>11.99.8841 – 100</b>
VALUE USB 2.0 Cable, Type A-A	0.8 m	<b>11.99.8909 – 50</b>
VALUE USB 2.0 Cable, Type A-A	1.8 m	<b>11.99.8919 – 100</b>
VALUE USB 2.0 Cable, Type A-A	3 m	<b>11.99.8931 – 100</b>
VALUE USB 2.0 Cable, Type A-A	4.5 m	<b>11.99.8944 – 100</b>
VALUE USB 2.0 Cable, Type A-A, M/F	0.8 m	<b>11.99.8946 – 50</b>
VALUE USB 2.0 Cable, Type A-A, M/F	1.8 m	<b>11.99.8949 – 100</b>
VALUE USB 2.0 Cable, Type A-A, M/F	3 m	<b>11.99.8961 – 100</b>

## ROLINE USB 2.0 Cable

- High quality cable with improved shielding
- Three Types: Type A-B, Type A-A, Type A, M – F (extension cable)
- Lengths: 0.8 m / 1.8 m / 3 m / 4.5 m
- Colour: black



Type A-B

Type A-A, M/F



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### Order-No. – Packing Unit

ROLINE USB 2.0 Cable, Type A-B	0.8 m	<b>11.02.8808 – 50</b>
ROLINE USB 2.0 Cable, Type A-B	1.8 m	<b>11.02.8818 – 100</b>
ROLINE USB 2.0 Cable, Type A-B	3 m	<b>11.02.8830 – 100</b>
ROLINE USB 2.0 Cable, Type A-B	4.5 m	<b>11.02.8845 – 100</b>
ROLINE USB 2.0 Cable, Type A-A	0.8 m	<b>11.02.8908 – 50</b>
ROLINE USB 2.0 Cable, Type A-A	1.8 m	<b>11.02.8918 – 100</b>
ROLINE USB 2.0 Cable, Type A-A	3 m	<b>11.02.8930 – 100</b>
ROLINE USB 2.0 Cable, Type A-A	4.5 m	<b>11.02.8945 – 100</b>
ROLINE USB 2.0 Cable, Type A-A, M/F	0.8 m	<b>11.02.8947 – 50</b>
ROLINE USB 2.0 Cable, Type A-A, M/F	1.8 m	<b>11.02.8948 – 100</b>
ROLINE USB 2.0 Cable, Type A-A, M/F	3 m	<b>11.02.8960 – 100</b>

## ROLINE Gold USB 2.0 Cable

- USB 2.0 Hi-Speed cable with high quality and improved shielding.
- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability

- Supports data transfer rates of up to 480 Mbit/s
- Connectors: USB 2.0 Type A M to Type B M



### Order-No. – Packing Unit

ROLINE Gold USB 2.0 Cable, Type A-B	1.8 m	<b>11.02.8802 – 10</b>
ROLINE Gold USB 2.0 Cable, Type A-B	3.0 m	<b>11.02.8803 – 10</b>
ROLINE Gold USB 2.0 Cable, Type A-B	4.5 m	<b>11.02.8805 – 5</b>



Designed for Professionals

## ROLINE USB 2.0 Flat Cable

- USB Flat Cable for connection of an USB peripheral device with the USB port of your PC
- USB Type A-B cable

- Ultra light and flat, stable cable for use with notebooks
- Just hide it e.g. under the carpet
- Colour: black
- Length: 1.8m



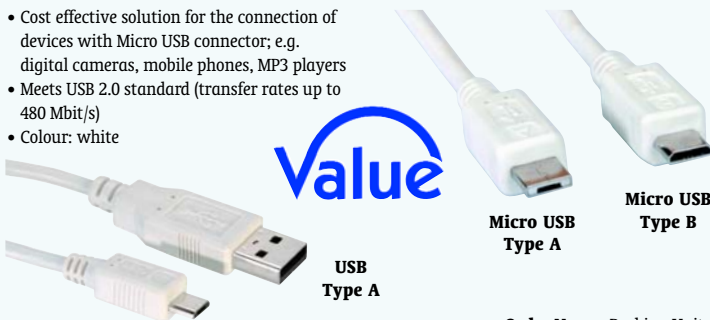
Designed for Professionals

### Order-No. – Packing Unit

ROLINE USB 2.0 Flat Cable	1.8 m	<b>11.02.8868 – 20</b>
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## VALUE USB 2.0 Micro Cable

- Cost effective solution for the connection of devices with Micro USB connector; e.g. digital cameras, mobile phones, MP3 players
- Meets USB 2.0 standard (transfer rates up to 480 Mbit/s)
- Colour: white



USB Type A

Micro USB Type A

Micro USB Type B

### Order-No. – Packing Unit

VALUE USB 2.0 Cable, USB Type A M – Micro USB B M	0.8 m	<b>11.99.8754 – 10</b>
VALUE USB 2.0 Cable, USB Type A M – Micro USB B M	1.8 m	<b>11.99.8752 – 10</b>
VALUE USB 2.0 Cable, USB Type A M – Micro USB B M	3.0m	<b>11.99.8755 – 10</b>
VALUE USB 2.0 Cable, Micro USB A M – Micro USB B M	1.8 m	<b>11.99.8753 – 10</b>

## ROLINE USB 2.0 Micro Cable

- High quality cable with improved shielding
- For the connection of devices with Micro USB connector; e.g. digital cameras, mobile phones, MP3 players or PDAs
- Meets USB 2.0 standard (transfer rates up to 480 Mbit/s)
- Colour: black



USB Type A

Micro USB Type A

Micro USB Type B



Designed for Professionals

### Order-No. – Packing Unit

ROLINE USB 2.0 Cable, USB Type A M – Micro USB B M	0.8 m	<b>11.02.8754 – 10</b>
ROLINE USB 2.0 Cable, USB Type A M – Micro USB B M	1.8 m	<b>11.02.8752 – 10</b>
ROLINE USB 2.0 Cable, USB Type A M – Micro USB B M	3.0 m	<b>11.02.8755 – 10</b>
ROLINE USB 2.0 Cable, Micro USB A M – Micro USB B M	1.8 m	<b>11.02.8753 – 10</b>

# Computer Cables / Connectors / Adapters

## VALUE USB 2.0 Mini Cables

- USB cable with one Type A and one USB Mini connector
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- The USB Mini connector is available in four different versions
- Colour: white



	Order-No. – Packing Unit
VALUE USB 2.0 Cable, Type A – 5-Pin Mini 0.8 m	<b>11.99.8708 – 10</b>
VALUE USB 2.0 Cable, Type A – 5-Pin Mini 1.8 m	<b>11.99.8718 – 20</b>
VALUE USB 2.0 Cable, Type A – 5-Pin Mini 3.0 m	<b>11.99.8730 – 10</b>
VALUE USB 2.0 Cable, Type A – Mitsumi Mini 1.8 m	<b>11.99.8618 – 20</b>
VALUE USB 2.0 Cable, Type A – HiRose Mini 1.8 m	<b>11.99.8518 – 20</b>
VALUE USB 2.0 Cable, Type A – Fuji Mini 1.8 m	<b>11.99.8418 – 20</b>

## VALUE USB 2.0 Retractable Cables

- Various connector types for every purpose – excellent cable solution for mobile office users and for travelling
- Cable length is adaptable through automatic retraction
- Tangle free
- Colour: black
- \*4 in 1 cable (11.99.8817): USB type A M / USB 5-pin Mini M to USB type A M / USB Micro M

	Order-No. – Packing Unit
USB 2.0 Retractable Cable, Type A M – Type B M, 1.2 m	<b>A 11.99.8812 – 25</b>
USB 2.0 Retractable Cable, Type A M – Type A F, 1.2 m	<b>B 11.99.8814 – 10</b>
USB 2.0 Retractable Cable, Type A M – 5-Pin mini M, 1.2 m	<b>C 11.99.8816 – 10</b>
USB 2.0 Retractable Cable, Type A M – Micro B M, 0.7 m	<b>D 11.99.8815 – 10</b>
USB Retractable Cable, USB Type A M – Type Micro B/for Galaxy M, 0.7 m	<b>E 11.99.8810 – 20</b>
USB 2.0 Retractable Cable, 4 in 1, 0.7 m	<b>F 11.99.8817 – 20</b>

## Dock Connector to USB 2.0 Cable for iPhone/iPod

- USB connection cable for charging iPod, iPad or iPhone and transferring data to a PC/note-book
- Also suitable for the connection to a USB charger
- Meets USB 2.0 standard (transfer rate up to 480 Mbit/s)
- Connectors: USB type A, Dock connector
- Colour: black
- Length: 1.0 m



	Order-No. – Packing Unit
Dock Connector to USB 2.0 Cable for iPhone / iPod / iPad, black 1.0 m	<b>11.02.8301 – 12</b>

## ROLINE Universal USB Power Cables

USB power cables for the connection of high-power USB devices like e.g. mobile phones, smart phones, MP3 players, external HDDs.

	Order-No. – Packing Unit
ROLINE External Power Cable, USB A to DC Plug, black, 1 m	<b>A 19.08.1001 – 20</b>
ROLINE USB 2.0 Y Cable, 2x Type A M – 1x Type A M, 1.8 m	<b>B 19.08.1005 – 20</b>
ROLINE USB 2.0 Y Cable, 2x Type A M – 1x 5-pin Mini M, 1.8 m	<b>C 19.08.1006 – 20</b>
ROLINE USB 2.0 Y Cable, 2x Type A M – 1x Type B M, 1.8 m	<b>D 19.08.1007 – 20</b>
ROLINE USB 3.0 Y Cable, 2x Type A M – 1x Micro B M, 1.8 m	<b>E 19.08.1008 – 10</b>

## ROLINE USB 2.0 Mini Cables

- High quality USB cable with one Type A and one USB Mini connector
- Meets standard USB 2.0 (transfer rate up to 480 Mbit/s)
- Improved shielding
- The USB Mini connector is available in four different versions
- Colour: black

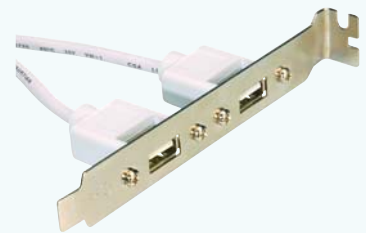


	Order-No. – Packing Unit
ROLINE USB 2.0 Cable, Type A – 5-Pin Mini 0.8 m	<b>11.02.8708 – 10</b>
ROLINE USB 2.0 Cable, Type A – 5-Pin Mini 1.8 m	<b>11.02.8719 – 20</b>
ROLINE USB 2.0 Cable, Type A – 5-Pin Mini 3.0 m	<b>11.02.8730 – 10</b>
ROLINE USB 2.0 Cable, Type A – Mitsumi Mini 1.8 m	<b>11.02.8619 – 20</b>
ROLINE USB 2.0 Cable, Type A – HiRose Mini 1.8 m	<b>11.02.8519 – 20</b>
ROLINE USB 2.0 Cable, Type A – Fuji Mini 1.8 m	<b>11.02.8419 – 20</b>



## VALUE USB 2.0 Slot Bracket, 2 Ports

- With this bracket you can add two USB 2.0 ports – which are provided on your motherboard – to the backside of your tower
- Internal connectors: 2x 5-pin in a row
- Cable length: 30 cm



	Order-No. – Packing Unit
VALUE USB 2.0 Slot Bracket, 2 Ports	<b>11.99.8890 – 25</b>



## VALUE USB 2.0 (Magnetic) „DOME“ Cables

- Brings your computer's USB port directly on your desktop
- The female connector has an integrated magnet, which allows you to „stick“ it on metal surfaces or furniture (only 11.99.8995/6)
- Modern „Dome“ design, looks like a half golf-ball
- Length: 1.5 m
- Two colours available: black and grey



		Order-No. – Packing Unit
VALUE USB 2.0 „DOME“ Cable, grey	1.5 m	11.99.8997 – 10
VALUE USB 2.0 „DOME“ Cable, black	1.5 m	11.99.8998 – 10
VALUE USB 2.0 Magnetic „DOME“ Cable, grey	1.5 m	11.99.8995 – 10
VALUE USB 2.0 Magnetic „DOME“ Cable, black	1.5 m	11.99.8996 – 10

## VALUE USB 2.0 Extension Cables

- For the extension of a USB 2.0 bus by additional five meters
- Meets USB 2.0 specifications, downwards compatible with USB 1.1 – automatic adaptation of the optimal transfer rate
- Power supply over the USB port of the PC
- According to the norm up to five cables can be cascaded



**Technical data:**  
 PC connection (upstream): 1x USB Type A M  
 Peripheral connection (downstream): 1x USB Type A F  
 Length: 5 m

**12.99.1091**  
 1x USB Type A M  
 1x USB Type A F  
 5 m



		Order-No. – Packing Unit
VALUE USB 2.0 Extender, 1 Port, grey	5 m	12.99.1091 – 10
VALUE USB 2.0 Extender, 2 Ports, black	5 m	12.99.1089 – 10

## ROLINE USB 2.0 Extension Cables

- For the extension of a USB 2.0 bus by additional five meters
- Up to five cables can be cascaded to increase the distance between your computer and USB 2.0 devices
- Meets USB 2.0 specifications, downwards compatible with USB 1.1 – automatic adaptation of the optimal transfer rate
- Hot-pluggable
- Power supply over the USB port of the PC

**Technical data:**  
 PC connection (upstream): 1x USB Type A M  
 Peripheral connection (downstream): 1x USB Type A F  
 Length: 5 m



		Order-No. – Packing Unit
ROLINE USB 2.0 Extension Cable, 1 Port, white	5 m	12.04.1088 – 10
ROLINE USB 2.0 Extension Cable, 1 Port, black	5 m	12.04.1089 – 10

## VALUE USB 2.0 Extension Cable, active with Repeater

- The cable extends the distance of a USB 2.0 bus by 12 meters
- Meets USB 2.0 specifications, downwards compatible with USB 1.1 – automatic adaptation of the optimal transfer rate
- Hot-pluggable
- Power supply over the USB port of the PC
- Cable length: 12 m



		Order-No. – Packing Unit
VALUE USB 2.0 Extension Cable, active with Repeater	12 m	12.99.1110 – 10

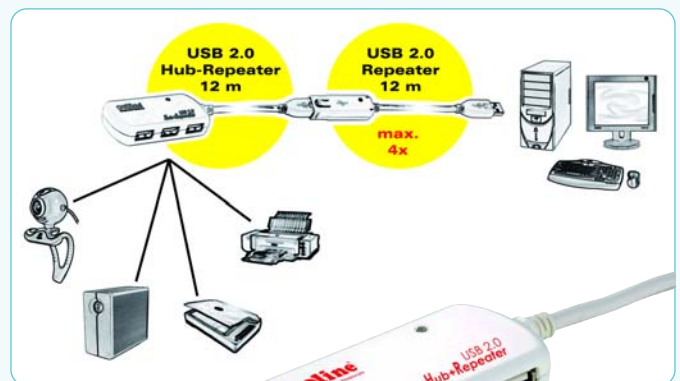
## ROLINE USB 2.0 Hub, 4 Ports, with Repeater

- Active extension of USB 2.0 bus
- The extension acts like a USB hub with 12 m cable
- Full compliance with USB 2.0, USB 1.1
- Plug & play, no additional drivers required
- Power over USB port from the PC
- **Additional extension:** With its unique design, this hub can lock to USB 2.0 active repeater cable 12.04.1086 by clipping – which offers another 12 m of length. With

up to 5 of this hub & repeater cables chained together, you can reach a maximum distance of up to 60 m. **The active repeater cable 12.04.1086 is only compatible with 12.04.1085 and can't be separately used.**

**Technical data:**  
 - Connectors: 1x USB Type A M, 4x USB Type A F  
 - Cable length: 12 m  
 - Housing dimensions: 81.7 x 41 x 16.7 mm

		Order-No. – Packing Unit
ROLINE USB 2.0 Hub, 4 Ports, with Repeater	12 m	12.04.1085 – 10
ROLINE USB 2.0 Active Repeater Cable for 12.04.1085	12 m	12.04.1086 – 10



# Computer Cables / Connectors / Adapters

## ROLINE USB 2.0 Multi Link Cable PC, Datasync

- **Go! Bridge:** For easy data transmission between two Windows computers over USB
- High data transfer rates of up to 480Mbit/s
- **Remote Share:** For sharing internet or data from the CD drive from one with another connected computer
- **Folder Sync:** For easy data synchronization between 2 computers
- **Outlook Sync:** For a quick synchronization of mail and other selected folders as e.g. „inbox“, „contact“
- LED indicator for data traffic
- Length: 1.5 m
- Supports Windows 2000/XP/Vista/7

**Contents:** Multi link cable



ROLINE USB 2.0 Multi Link Cable PC, Datasync 1.5 m **Order-No. – Packing Unit**  
11.02.9199 – 10

## ROLINE USB 2.0 Data Link Cable, Drag & Drop

- Easy file transfer between two PCs/notebooks by simple copy & paste or drag & drop from one screen to the other.
- Switch from one computer/notebook to the other by sliding the mouse cursor over the edge of the screen
- Note: If one side is connected with a non-Windows system (e. g. Mac OS) and the other side is connected with a Windows system, you can only control the keyboard and mouse, without the „Clipboard sharing“ and „File sharing“ function.
- Compliant with USB 2.0, USB 1.1
- Supports touchscreen functions
- Automatic software installation from cable, internet update function
- Bus powered from either USB port
- Cable: 1.2 m, black
- Supported Operating Systems: Windows 2000/XP/Vista/7, Mac OS (with limitations)

**Contents:** Data link cable



ROLINE USB 2.0 Data Link Cable, Drag & Drop 1.2 m **Order-No. – Packing Unit**  
11.02.9189 – 5

## ROLINE USB 2.0 Data Link Cable PC/Mac, retractable

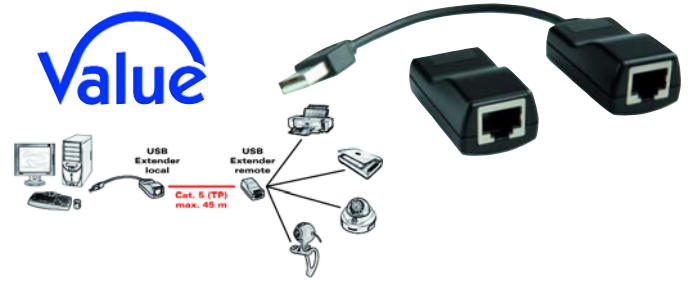
- Copy and transfer all types of data files between any two Windows PCs and/or Mac PCs over a USB port
- Plug & play, Built-in software, no software installation
- Automatically launches a split-screen showing the file contents on both computers
- Drag & drop to transfer files
- Lightweight plastic housing with cable retractor mechanism
- Cable: 1.2 m, white
- Fast and easy file data transfer with Windows XP/7 and MacOS
- **Contents:** USB 2.0 link cable



ROLINE USB 2.0 Link Cable PC/MAC, retractable 1.2 m **Order-No. – Packing Unit**  
11.02.9188 – 10

## VALUE USB 1.1 Extender over RJ-45

- Allows you to extend the connection to a USB peripheral device up to 45 meters by using a Cat.5e/6 patch cable
- Applications: e.g. WEB camera, surveillance camera, scanner, printer
- Compliant with USB 1.1
- Supports full-speed (12 Mbit/s) or low-speed (1.5 Mbit/s) USB devices
- **Contents:** Master unit (RJ-45 Female; USB Type A Male with 10 cm cable), remote unit (RJ-45 Female; USB Type A Female)



VALUE USB 1.1 Extender over RJ-45 **Order-No. – Packing Unit**  
12.99.1120 – 10

## ROLINE USB 2.0 Net Share Station

- Share one USB device as e. g. a printer, webcam, external hard drive, flash drive or memory card reader with multiple users over your home or office network. Allows multiple users to print, scan, and fax from any computer on a network with the same multi-function printer.
- Supports USB 2.0 and 1.1 devices
  - Supported protocols: LPR/LPD, DHCP, UPnP
  - Network protocols: TCP/IP
  - USB device connection: 1x USB 2.0
  - Network connection: 1x RJ-45 (10/100 Mbit/s)
  - Dimensions: 88.5 x 55 x 23 mm
  - Supported Operating Systems: Windows XP/Vista/7

**Contents:** Net Share Station, power supply, ethernet cable, driver CD, manual



ROLINE USB 2.0 Net Share Station, 1 Port **Order-No. – Packing Unit**  
14.02.5204 – 2



## ROLINE USB 2.0 Hub over IP, 4 Ports

Offers access to up to 4 USB devices (e. g. HDD, multi-function printer) for one or more PCs (connection e.g. over an ethernet switch) over LAN.

- Supports up to 4 USB devices via external USB 2.0 hub controller
- Supports USB printers, multi-function printers, scanners, audio, mouse, keyboard, storage devices etc.
- Manages printing jobs by printer name instead of IP address
- Supports DHCP; configures IP address automatically

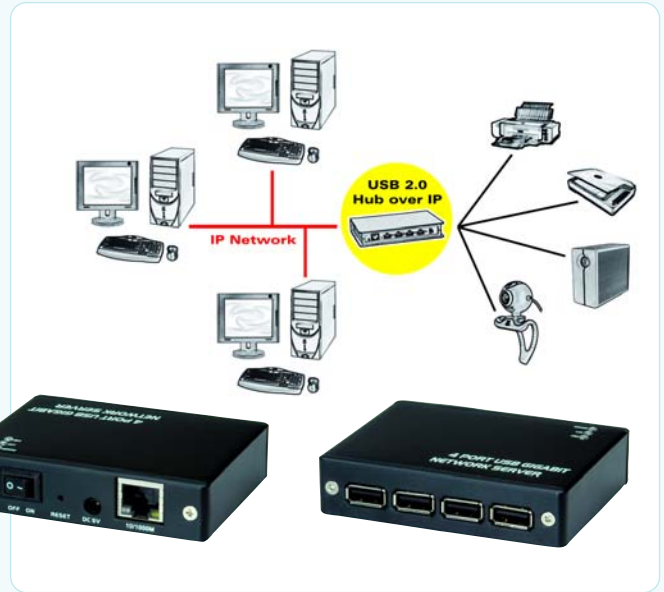
- Supports majority ethernet protocols TCP/IP, Bonjour search
- **14.02.5203 with Gigabit LAN connection 10/10/1000Mbit/s**
- Colour: black
- Contents: USB hub over IP, power supply, software CD, manual



Technical data:	14.02.5202	14.02.5203
PC connection:	1x RJ-45 F 10/100BaseT	1x RJ-45 F 10/100/1000BaseTx
Input:	4x USB Type A	4x USB Type A
Power supply:	5 VDC, 2 A	5 VDC, 2 A
Dimensions:	30 x 180 x 120 mm	30 x 180 x 120 mm

Order-No. – Packing Unit

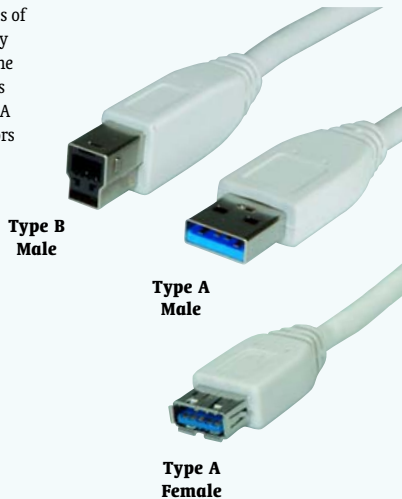
ROLINE USB 2.0 Hub over IP, 4 Ports, Fast Ethernet	black	<b>14.02.5202 – 5</b>
ROLINE USB 2.0 Hub over IP, 4 Ports, Gigabit Ethernet	black	<b>14.02.5203 – 5</b>



## VALUE USB 3.0 Cables

USB 3.0 SuperSpeed cables for transfer rates of up to 5 Gbit/s. USB 3.0 receptacles are partly compatible with USB 2.0 device plugs for the respective physical form factors. The cables can be used with PCs with the actual type A interface. The new USB 3.0 type B connectors are not downwards compatible.

- Colour: white



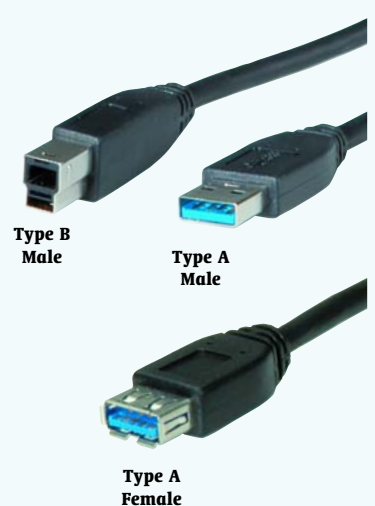
Order-No. – Packing Unit

VALUE USB 3.0 Cable, Type A M – B M	0.8 m	<b>11.99.8869 – 10</b>
VALUE USB 3.0 Cable, Type A M – B M	1.8 m	<b>11.99.8870 – 50</b>
VALUE USB 3.0 Cable, Type A M – B M	3.0 m	<b>11.99.8871 – 50</b>
VALUE USB 3.0 Cable, Type A M – A M	1.8 m	<b>11.99.8975 – 50</b>
VALUE USB 3.0 Cable, Type A M – A M	3.0 m	<b>11.99.8976 – 50</b>
VALUE USB 3.0 Cable, Type A M – A F	0.8 m	<b>11.99.8977 – 50</b>
VALUE USB 3.0 Cable, Type A M – A F	1.8 m	<b>11.99.8978 – 50</b>

## ROLINE USB 3.0 Cables

USB 3.0 SuperSpeed cables with high quality and improved shielding for transfer rates of up to 5 Gbit/s. USB 3.0 receptacles are partly compatible with USB 2.0 device plugs for the respective physical form factors. The cables can be used with PCs with the actual type A interface. The new USB 3.0 type B connectors are not downwards compatible.

- Colour: black



Order-No. – Packing Unit

ROLINE USB 3.0 Cable, Type A M – B M	0.8 m	<b>11.02.8869 – 10</b>
ROLINE USB 3.0 Cable, Type A M – B M	1.8 m	<b>11.02.8870 – 50</b>
ROLINE USB 3.0 Cable, Type A M – B M	3.0 m	<b>11.02.8871 – 50</b>
ROLINE USB 3.0 Cable, Type A M – A M	1.8 m	<b>11.02.8970 – 50</b>
ROLINE USB 3.0 Cable, Type A M – A M	3.0 m	<b>11.02.8971 – 50</b>
ROLINE USB 3.0 Cable, Type A M – A F	0.8 m	<b>11.02.8977 – 50</b>
ROLINE USB 3.0 Cable, Type A M – A F	1.8 m	<b>11.02.8978 – 50</b>

## ROLINE Gold USB 3.0 Cables

USB 3.0 SuperSpeed cables with high quality and improved shielding.

- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability

- Support data transfer rates of up to 5 Gbit/s
- Connectors: USB 3.0 type A M to type B M



Order-No. – Packing Unit

ROLINE Gold USB 3.0 Cable, Type A M – B M	1.8 m	<b>11.02.8902 – 10</b>
ROLINE Gold USB 3.0 Cable, Type A M – B M	3.0 m	<b>11.02.8903 – 10</b>





# Computer Cables / Connectors / Adapters

## VALUE USB 3.0 „DOME“ Cable

- Brings your computer's USB port directly on your desktop
- Two USB 3.0 ports: One for data, one for power/charging
- Supports SuperSpeed USB 3.0 with data rates of up to 5 Gbit/s
- Backwards compatible with USB 2.0, USB 1.1
- Integrated magnet, which allows you to „stick“ it on metal surfaces or furniture
- Length: 1.5 m
- Colour: Black



Order-No. – Packing Unit

VALUE USB 3.0 „DOME“ Cable, black 1.5 m **11.99.8999 – 12**

## VALUE USB 3.0 Micro Cables

For the connection of external USB 3.0 peripheral devices as e.g. HDD enclosures, cameras, mobile phones which have got the new Micro interface.

- USB 3.0 SuperSpeed cables for data transfer rates of up to 5 Gbit/s
- Length: 2 m
- Colour: white



USB Type A

Micro USB Type A

Micro USB Type B

Order-No. – Packing Unit

VALUE USB 3.0 Cable, USB Type A M – USB Type Micro A M 2.0 m **11.99.8874 – 10**  
 VALUE USB 3.0 Cable, USB Type A M – USB Type Micro B M 2.0 m **11.99.8875 – 10**

## ROLINE Gold USB 3.0 Micro Cable

USB 3.0 SuperSpeed cable with high quality and improved shielding.

- The plugs are gold coated to enhance their contact durability
- Nylon-reinforced outer material for a better stability

- Supports data transfer rates of up to 5 Mbit/s
- Connectors: USB 3.0 type A M to Micro B M
- Cable length: 2 m



Order-No. – Packing Unit

ROLINE Gold USB 3.0 Cable, USB Type A M – Micro B M 2.0 m **11.02.8879 – 10**

## ROLINE USB 3.0 Active Repeater Cable

Extends the connection distance of an external HDD, hub, printer, scanner or other USB 3.0 device to your computer by five meters.

- Length: 5 m
- Plug & play
- Supported Operating Systems: Windows 2000/XP/Vista/7, Mac OS

- Active USB extension cable – ensures good signal quality
- Compliant with SuperSpeed USB 3.0, USB 2.0, USB 1.1
- Supports data rates up to 5 Gbit/s

• Content: USB 3.0 Active repeater cable



Order-No. – Packing Unit

ROLINE USB 3.0 Active Repeater Cable 5 m **12.04.1084 – 8**

## ROLINE USB 3.0 Micro Cables

For the connection of external USB 3.0 peripheral devices as e. g. HDD enclosures, cameras, mobile phones which have got the new Micro interface.

- Gold plated contacts for enhanced durability.
- Length: 2 m
- Colour: black

- USB 3.0 SuperSpeed cables with high quality and improved shielding for data transfer rates of up to 5 Gbit/s.



USB Type A

Micro USB Type A

Micro USB Type B

Order-No. – Packing Unit

ROLINE USB 3.0 Cable, USB Type A M – USB Type Micro A M 2.0 m **11.02.8874 – 10**  
 ROLINE USB 3.0 Cable, USB Type A M – USB Type Micro B M 2.0 m **11.02.8875 – 10**

USB 3.0 Type Micro B



USB 3.0 Type A

## VALUE USB 3.0 Retractable Cable

- Ideal connection cable for mobile office users or for travelling
- Connectors: USB type A M, USB type Micro B M
- Cable length is adaptable up to 0.7 m through automatic retraction
- Tangle free
- Length: 0.7 m
- Colour: black

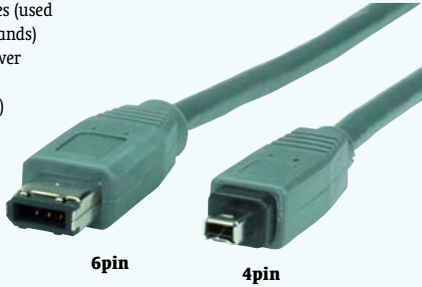
Order-No. – Packing Unit

VALUE USB 3.0 Retractable Cable, Type A M – Type Micro B M 0.7 m **11.99.8811 – 10**



## ROLINE IEEE1394 FireWire Cables

- The 6 wired cable contains 4 datawires (used for data transfer or for control commands) and the other 2 wires are used for power transmission
- The 4 wired cable (4/4 pins or 6/4 pins) contains 4 datawires (only)



6pin

4pin



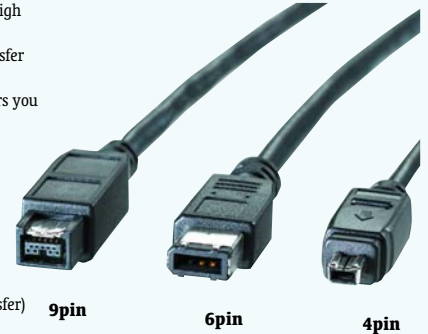
Designed for Professionals

Order-No. – Packing Unit

ROLINE IEEE1394a FireWire Cable, 6/6-pin, Type A-A	1.8 m	<b>11.02.9218 – 100</b>
ROLINE IEEE1394a FireWire Cable, 4/4-pin, Type B-B	1.8 m	<b>11.02.9318 – 100</b>
ROLINE IEEE1394a FireWire Cable, 6/4-pin, Type A-B	1.8 m	<b>11.02.9418 – 100</b>

## ROLINE IEEE1394b FireWire Cables

- The IEEE1394b Standard is a new, serial high speed bus-standard. It is the successor of IEEE1394 and provides the user with transfer rates up to 800 Mbit/s
- The cable with the 9/9-pin connector offers you the maximum data transfer rate and integrated power transmission
- The cable with the 9/6-pin connector contains 4 data wires (used for data transfer) and the other 2 wires are used for power transmission
- The cable with the 9/4-pin connector contains 4 data wires (used for data transfer)



9pin

6pin

4pin



Designed for Professionals

Order-No. – Packing Unit

ROLINE IEEE1394b FireWire Cable, 9/9-pin, 800Mbit/s, Type A-A	1.8 m	<b>11.02.9518 – 20</b>
ROLINE IEEE1394b FireWire Cable, 9/6-pin, 400Mbit/s, Type A-B	1.8 m	<b>11.02.9618 – 20</b>
ROLINE IEEE1394b FireWire Cable, 9/4-pin, Type A-C	1.8 m	<b>11.02.9718 – 20</b>

## ROLINE Parallel Printer Cables

- For printers with Centronics connection
- Cable with 25-pole D-Sub plug and 36-pole Centronics plug
- 25 lines
- Screen line connected with the foil screen and both plugs
- Connector casing moulded with special plastic, for optimal strain reduction, cable break not possible
- Very good screening prevents data loss and electromagnetic interference
- Thumbscrews
- Bronze contacts with **gold** coating



Designed for Professionals



Connection list for parallel printer Cable  
 25-pole connector: 1-14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25  
 36-pole connector: 1-14 | 32 | 31 | 36 | 33 | 19 | 21 | 23 | 25 | 27 | 29 | 30

Order-No. – Packing Unit

ROLINE Parallel Printer Cable, DB25 M – C36 M	1.8 m	<b>11.01.1018 – 50</b>
ROLINE Parallel Printer Cable, DB25 M – C36 M	3.0 m	<b>11.01.1030 – 50</b>
ROLINE Parallel Printer Cable, DB25 M – C36 M	4.5 m	<b>11.01.1045 – 25</b>
ROLINE Parallel Printer Cable, DB25 M – C36 M	6.0 m	<b>11.01.1060 – 25</b>
ROLINE Parallel Printer Cable, DB25 M – C36 M	9.0 m	<b>11.01.1090 – 20</b>

## ROLINE IEEE-1284 Printer Cables for EPP Interfaces

The IEEE 1284 specification covers data transfer for bidirectional parallel interfaces: enhanced parallel ports (EPP). EPP specifies the 1.5MB bidirectional data transfer via parallel port and is up to 5 times faster than a current parallel port. EPP allows the user to connect

fast peripheral devices such as disk drives, LAN interfaces, CD-ROM players and backup systems.

- AWG28
- Transposed in pairs
- Double-screened



Designed for Professionals



Connection list  
 25-pole M: 1-14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | S  
 36-pole M: 1-14 | 32 | 31 | 36 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 29 | 28 | 30 | S

Order-No. – Packing Unit

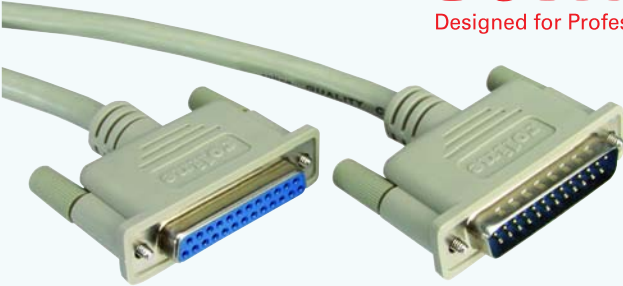
ROLINE IEEE 1284 Cable, DB25 M – C36 M	1.8 m	<b>11.01.7019 – 20</b>
ROLINE IEEE 1284 Cable, DB25 M – C36 M	3.0 m	<b>11.01.7030 – 20</b>
ROLINE IEEE 1284 Cable, DB25 M – C36 Mini M	1.8 m	<b>11.01.7118 – 20</b>

# Computer Cables / Connectors / Adapters

## ROLINE RS232 Cables, 25-pole, 1:1

- Cable with two 25-pole D-Sub connectors
- Connects a switchbox with a computer or two serial interfaces
- 25 lines connected 1:1
- Screen line connected to the cable foil screen and both connectors
- Connector casing moulded with special plastic for best strain relief
- Very good screening prevents data loss and electromagnetic interference
- Thumbscrews
- Bronze contacts with **gold** coating

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Designed for Professionals

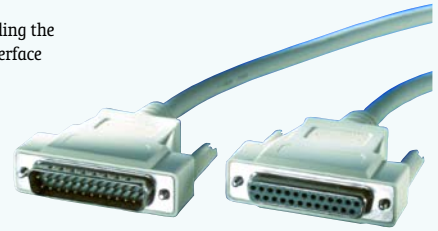


		Order-No.	Packing Unit
ROLINE RS232 Cable, M – M	1.8 m	<b>11.01.3518</b>	– 50
ROLINE RS232 Cable, M – M	3.0 m	<b>11.01.3530</b>	– 50
ROLINE RS232 Cable, M – M	4.5 m	<b>11.01.3545</b>	– 25
ROLINE RS232 Cable, M – M	6.0 m	<b>11.01.3560</b>	– 25
ROLINE RS232 Cable, M – M	9.0 m	<b>11.01.3590</b>	– 25
ROLINE RS232 Cable, M – F	1.8 m	<b>11.01.3618</b>	– 25
ROLINE RS232 Cable, M – F	3.0 m	<b>11.01.3630</b>	– 50
ROLINE RS232 Cable, M – F	4.5 m	<b>11.01.3645</b>	– 25
ROLINE RS232 Cable, M – F	6.0 m	<b>11.01.3660</b>	– 25
ROLINE RS232 Cable, M – F	9.0 m	<b>11.01.3690</b>	– 20
ROLINE RS232 Cable, F – F	1.8 m	<b>11.01.3718</b>	– 50
ROLINE RS232 Cable, F – F	3.0 m	<b>11.01.3730</b>	– 50

## ROLINE 25 Wires EPP Cables

- Connection of peripheral devices with a high data transfer rate
- For connecting switchboxes or extending the parallel printer cables for the EPP interface
- **Twisted pair, double-screened**
- DB25 plug connector
- Version with thumbscrews

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Designed for Professionals



		Order-No.	Packing Unit
ROLINE 25 Wires EPP Cable, M – F	1.8 m	<b>11.01.4019</b>	– 20
ROLINE 25 Wires EPP Cable, M – F	3.0 m	<b>11.01.4029</b>	– 20

## ROLINE Serial Link Cables, 9-pole

- Connects two PCs via the serial interface, whereby the cable acts as a null modem
- Two 9-pole D-Sub sockets
- Connector casing moulded with special plastic for an optimal strain reduction, so that cable break is not possible
- Very good screening prevents data loss and electromagnetic interference



9-pole F: 1|7|2|3|4|6|8|5|9  
9-pole F: 7|1|3|2|6|8|4|5|9

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Designed for Professionals

		Order-No.	Packing Unit
ROLINE Serial Link Cable, DB9 F – F	1.8 m	<b>11.01.9018</b>	– 50
ROLINE Serial Link Cable, DB9 F – F	3.0 m	<b>11.01.9030</b>	– 50

## VALUE RS232 Cables, 9-pole, 1:1

- Cable with two 9-pole D-Sub connectors, assembled
- Connects e.g. the serial IBM AT interface with a switchbox
- All lines connected 1:1
- Screen line connected with the foil screen and both connectors

**Value**



		Order-No.	Packing Unit
VALUE RS232 Cable, DB9 M – M	1.8 m	<b>11.99.6018</b>	– 50
VALUE RS232 Cable, DB9 M – F	1.8 m	<b>11.99.6218</b>	– 50
VALUE RS232 Cable, DB9 M – F	3.0 m	<b>11.99.6233</b>	– 50

## ROLINE RS232 Cables, 9-pole, 1:1

- Cable with two 9-pole D-Sub connectors
- Connects e.g. the serial IBM AT interface with a switchbox
- All lines connected 1:1
- Screen line connected with the foil screen and both connectors

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		Order-No.	Packing Unit
ROLINE RS232 Cable, DB9 M – M	1.8 m	<b>11.01.6018</b>	– 50
ROLINE RS232 Cable, DB9 M – F	1.8 m	<b>11.01.6218</b>	– 50
ROLINE RS232 Cable, DB9 M – F	3.0 m	<b>11.01.6230</b>	– 50
ROLINE RS232 Cable, DB9 M – F	6.0 m	<b>11.01.6260</b>	– 25
ROLINE RS232 Cable, DB9 M – F	10.0 m	<b>11.01.6290</b>	– 25
ROLINE RS232 Cable, DB9 F – F	1.8 m	<b>11.01.5918</b>	– 50

## ROLINE Modem Cables, 9 – 25-pole

- Cable with a 9-pole D-Sub socket and a 25-pole D-Sub plug
- Connects PC and modem
- Connector casing moulded with special plastic, for an optimal strain reduction, so that cable break is not possible
- Very good screening prevents data loss and electromagnetic interference
- Hand locking screws
- Bronze contacts with **gold** coating

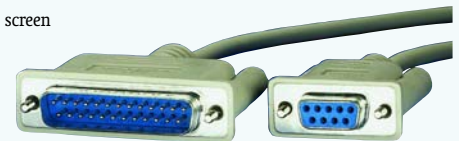


**roline**<sup>®</sup>  
Designed for Professionals

		Order-No.	Packing Unit
ROLINE Modem Cable, DB9 F – DB25 M	0.3 m	<b>11.01.4503</b>	– 50
ROLINE Modem Cable, DB9 F – DB25 M	1.8 m	<b>11.01.4518</b>	– 50
ROLINE Modem Cable, DB9 F – DB25 M	3.0 m	<b>11.01.4530</b>	– 50
ROLINE Modem Cable, DB9 F – DB25 M	6.0 m	<b>11.01.4560</b>	– 20

## ROLINE Serial Printer Cables, 9 – 25-pole

- Cable with 9-pole D-Sub socket and 25-pole D-Sub plug
- Moulded connector casings
- Connects PC with serial printer
- Screen line connected with the foil screen and both connectors
- High screening prevents data loss and electromagnetic interference

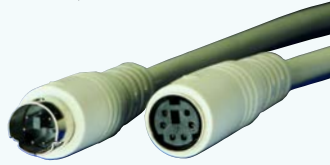


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		Order-No.	Packing Unit
ROLINE Serial Printer Cable, DB9 F – DB25 M	1.8 m	<b>11.01.4618</b>	– 50
ROLINE Serial Printer Cable, DB9 F – DB25 M	3.0 m	<b>11.01.4630</b>	– 50

## VALUE PS/2 Cables

- Extends the keyboard or mouse cable of a PC, e.g. for location of the computer under a table or for connection to a switchbox
- Cable with 6-pole mini-DIN Male-Female or Male-Male, 1:1

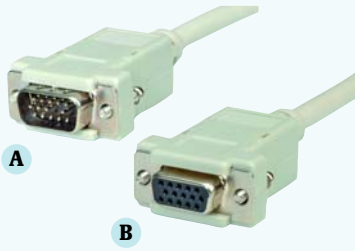


		Order-No. – Packing Unit
VALUE PS/2 Cable, M – F	1.8 m	<b>11.99.5618 – 50</b>
VALUE PS/2 Cable, M – F	3 m	<b>11.99.5630 – 50</b>
VALUE PS/2 Cable, M – F	6 m	<b>11.99.5660 – 25</b>
VALUE PS/2 Cable, M – M	1.8 m	<b>11.99.5818 – 50</b>

## VALUE VGA Monitor Cables

- Cable for connection of a monitor to a graphics card or to a switch
- 14 lines
- Thumbscrews

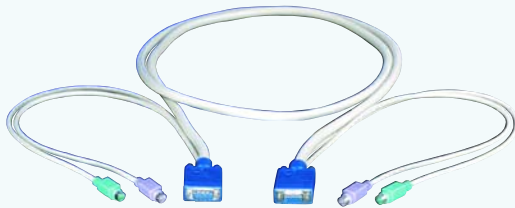
**Legend:**  
M = Male; F = Female  
HD15: 15-pole high density D-Sub plug connector, 3 rows



		Order-No. – Packing Unit
VALUE VGA Cable, HD15 F – HD15 M, B-A	1.8 m	<b>11.99.6518 – 50</b>
VALUE VGA Cable, HD15 F – HD15 M, B-A	3 m	<b>11.99.6530 – 50</b>
VALUE VGA Cable, HD15 M – HD15 M, A-A	1.8 m	<b>11.99.6619 – 50</b>
VALUE VGA Cable, HD15 M – HD15 M, A-A	3 m	<b>11.99.6631 – 50</b>

## ROLINE KVM Star Cables

- The easy way to connect your switch with keyboard/video/mouse to the PCs
- The models tie the often separate cables like keyboard/monitor/mouse cable into one cable
- High Quality KVM Cables in in different lengths



Cable Type	Combination	Connection PC	Connection Switch
11.01.5462 / .5463 / .5466 / .5469	A / B	HD15 M, 2x PS/2 M	HD15 F, 2x PS/2 M
11.01.5402 / .5403 / .5406 / .5409	A / A	HD15 M, 2x PS/2 M	HD15 M, 2x PS/2 M
11.01.4692 / .4693 / .4695	C / D	HD15 M, USB Type A M	HD15 F, USB Type B M
11.01.4792 / .4793 / .4795	E / F	DVI M, USB Type A M	DVI M, USB Type B M

		Order-No. – Packing Unit
ROLINE KVM Star Cable VGA (M / F) + PS/2	1.8 m	<b>11.01.5462 – 25</b>
ROLINE KVM Star Cable, VGA (M / F) + PS/2	3 m	<b>11.01.5463 – 20</b>
ROLINE KVM Star Cable, VGA (M / F) + PS/2	6 m	<b>11.01.5466 – 10</b>
ROLINE KVM Star Cable, VGA (M / F) + PS/2	10 m	<b>11.01.5469 – 5</b>
ROLINE KVM Star Cable, VGA (M / M) + PS/2	1.8 m	<b>11.01.5402 – 25</b>
ROLINE KVM Star Cable, VGA (M / M) + PS/2	3 m	<b>11.01.5403 – 20</b>
ROLINE KVM Star Cable, VGA (M / M) + PS/2	6 m	<b>11.01.5406 – 10</b>
ROLINE KVM Star Cable, VGA (M / M) + PS/2	10 m	<b>11.01.5409 – 5</b>
ROLINE KVM Star Cable, VGA (M / F) + USB	1.8 m	<b>11.01.4692 – 25</b>
ROLINE KVM Star Cable, VGA (M / F) + USB (AM / BM)	3 m	<b>11.01.4693 – 20</b>
ROLINE KVM Star Cable, VGA (M / F) + USB (AM / BM)	4.5 m	<b>11.01.4695 – 10</b>
ROLINE KVM Star Cable, DVI / DVI + USB	1.8 m	<b>11.01.4792 – 25</b>
ROLINE KVM Star Cable, DVI / DVI + USB	3 m	<b>11.01.4793 – 20</b>
ROLINE KVM Star Cable, DVI / DVI + USB	4.5 m	<b>11.01.4795 – 10</b>

## ROLINE PS/2 Cables

- Extends the keyboard or mouse cable of a PC, e.g. for location of the computer under a table or for connection to a switchbox
- Cable with 6-pole mini-DIN Male-Female or Male-Male, 1:1



		Order-No. – Packing Unit
ROLINE PS/2 Cable, M – F	1.8 m	<b>11.01.5618 – 50</b>
ROLINE PS/2 Cable, M – F	3 m	<b>11.01.5630 – 50</b>
ROLINE PS/2 Cable, M – F	6 m	<b>11.01.5660 – 25</b>
ROLINE PS/2 Cable, M – F	10 m	<b>11.01.5690 – 25</b>
ROLINE PS/2 Cable, M – M	1.8 m	<b>11.01.5818 – 50</b>
ROLINE PS/2 Cable, M – M	3 m	<b>11.01.5830 – 50</b>
ROLINE PS/2 Cable, M – M	6 m	<b>11.01.5860 – 25</b>

## ROLINE VGA Monitor Cables

- Cable for connection of a monitor to a graphics card or to a switch
- 14 lines and additionally a screen line which is connected to the foil screen of the cable and to both connectors
- Thumbscrews

**Legend:** M = Male; F = Female  
HD15: 15-pole high density D-Sub plug connector, 3 rows



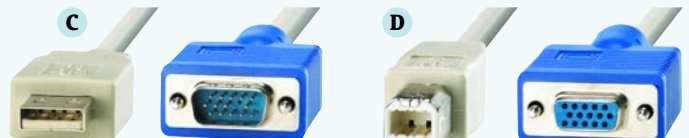
		Order-No. – Packing Unit
ROLINE VGA Cable, HD15 F – HD15 M, B-A	1.8 m	<b>11.01.6518 – 50</b>
ROLINE VGA Cable, HD15 F – HD15 M, B-A	3 m	<b>11.01.6530 – 50</b>
ROLINE VGA Cable, HD15 F – HD15 M, B-A	6 m	<b>11.01.6560 – 25</b>
ROLINE VGA Cable, HD15 F – HD15 M, B-A	10 m	<b>11.01.6590 – 25</b>
ROLINE VGA Cable, HD15 M – HD15 M, A-A	1.8 m	<b>11.01.6618 – 50</b>
ROLINE VGA Cable, HD15 M – HD15 M, A-A	3 m	<b>11.01.6630 – 50</b>



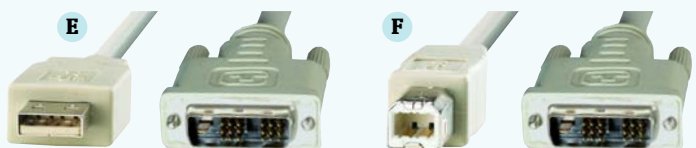
**6pin Mini DIN M (PS/2 Keyboard M)**      **HD 15pin M (VGA M)**      **6pin Mini DIN M (PS/2 Mouse M)**



**6pin Mini DIN M (PS/2 Keyboard M)**      **HD 15pin F (VGA F)**      **6pin Mini DIN M (PS/2 Mouse M)**



**USB Type A M**      **HD 15pin M (VGA M)**      **USB Type B M**      **HD 15pin F (VGA F)**



**USB Type A M**      **DVI M**      **USB Type B M**      **DVI M**

# Cable Assembly Inquiry Form

## Universal Serial Bus Cables

### Type of Plug

#### Side A

- USB 2.0 A Male
- USB 2.0 Mini A Male
- USB 2.0 Micro A Male

- USB 3.0 A Male
- USB 3.0 Micro A Male

other \_\_\_\_\_

open end

Length \_\_\_\_\_  
Color \_\_\_\_\_  
Quantity \_\_\_\_\_

#### Side B

- USB 2.0 A Male
- USB 2.0 A Female
- USB 2.0 B Male
- USB 2.0 Mini A Male
- USB 2.0 5-pin Mini B Male
- USB 2.0 Micro A Male
- USB 2.0 Micro B Male

- USB 3.0 A Male
- USB 3.0 A Female
- USB 3.0 B Male
- USB 3.0 Micro B Male

other \_\_\_\_\_

open end

**We reserve the right to decline infeasible assemblies or inquiries deemed technically or economically unsound**

## Telephone Cables

### Type of Plug:

#### Side A

- RJ-10 (4P4C)
- RJ-11 (6P4C)
- RJ-12 (6P6C)
- RJ-45 (8P8C)
- TAE-F Male
- TAE-N Male

- other \_\_\_\_\_
- open end

### Pin assignment:

#### Side A

- Pin 1 \_\_\_\_\_
- Pin 2 \_\_\_\_\_
- Pin 3 \_\_\_\_\_
- Pin 4 \_\_\_\_\_
- Pin 5 \_\_\_\_\_
- Pin 6 \_\_\_\_\_
- Pin 7 \_\_\_\_\_
- Pin 8 \_\_\_\_\_
- S - shielding \_\_\_\_\_

#### Side B

- RJ-10 (4P4C)
- RJ-11 (6P4C)
- RJ-12 (6P6C)
- RJ-45 (8P8C)
- TAE-F Male
- TAE-F Female
- TAE-N Male
- TAE-N Female
- other \_\_\_\_\_
- open end

#### Side B

- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- Pin \_\_\_\_\_
- S \_\_\_\_\_



Length \_\_\_\_\_  
Color \_\_\_\_\_  
Cable Type (spiral/flat/UTP/STP) \_\_\_\_\_  
Quantity \_\_\_\_\_

## Standard Cables

### Type of Plug

#### Side A

- Sub-D 9-pole Male
- Sub-D 9-pole Female
- Sub-D 15-pole Male
- Sub-D 15-pole Female
- Sub-D 25-pole Male
- Sub-D 25-pole Female
- HD 15-pole Male
- HD 15-pole Female
- Centronics 36 Male

- other \_\_\_\_\_
- open end

#### Side B

- Sub-D 9-pole Male
- Sub-D 9-pole Female
- Sub-D 15-pole Male
- Sub-D 15-pole Female
- Sub-D 25-pole Male
- Sub-D 25-pole Female
- HD 15-pole Male
- HD 15-pole Female
- Centronics 36 Male
- Centronics 36 Female
- other \_\_\_\_\_
- open end

### Pin assignment

- | Side A | Side B    |
|--------|-----------|
| Pin 1  | Pin _____ |
| Pin 2  | Pin _____ |
| Pin 3  | Pin _____ |
| Pin 4  | Pin _____ |
| Pin 5  | Pin _____ |
| Pin 6  | Pin _____ |
| Pin 7  | Pin _____ |
| Pin 8  | Pin _____ |
| Pin 9  | Pin _____ |
| Pin 10 | Pin _____ |
| Pin 11 | Pin _____ |
| Pin 12 | Pin _____ |

- | Side A | Side B    |
|--------|-----------|
| Pin 13 | Pin _____ |
| Pin 14 | Pin _____ |
| Pin 15 | Pin _____ |
| Pin 16 | Pin _____ |
| Pin 17 | Pin _____ |
| Pin 18 | Pin _____ |
| Pin 19 | Pin _____ |
| Pin 20 | Pin _____ |
| Pin 21 | Pin _____ |
| Pin 22 | Pin _____ |
| Pin 23 | Pin _____ |
| Pin 24 | Pin _____ |

- | Side A        | Side B    |
|---------------|-----------|
| Pin 25        | Pin _____ |
| Pin 26        | Pin _____ |
| Pin 27        | Pin _____ |
| Pin 28        | Pin _____ |
| Pin 29        | Pin _____ |
| Pin 30        | Pin _____ |
| Pin 31        | Pin _____ |
| Pin 32        | Pin _____ |
| Pin 33        | Pin _____ |
| Pin 34        | Pin _____ |
| Pin 35        | Pin _____ |
| Pin 36        | Pin _____ |
| S - shielding | S _____   |

Length \_\_\_\_\_  
Color \_\_\_\_\_  
Cable Type (UTP/STP) \_\_\_\_\_  
Connector housing \_\_\_\_\_  
(PVC/full metal/metalized, straight, angled)



### Your contact details

**Customer-no. :** \_\_\_\_\_

**Contact person:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

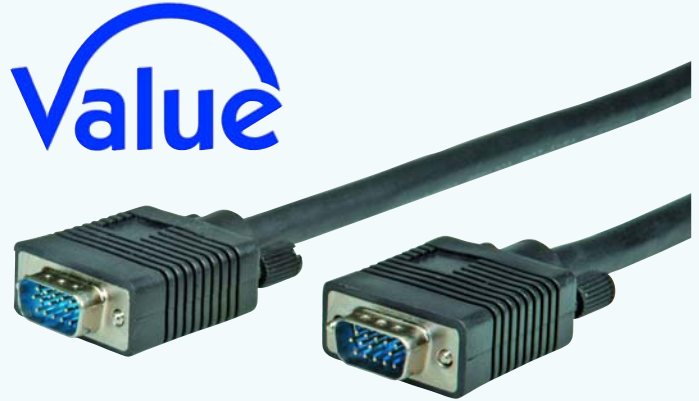
**e-Mail :** \_\_\_\_\_

**Important note: Individual cable assemblies require a written order. All orders are final. Subsequent requests of cancellation, refunds or exchange cannot be accepted.**

## VALUE SVGA Monitor Cables

- Quality cable for the connection of a monitor to a graphics card or VGA splitter or amplifier
- Double-shielded cable
- Thumbscrews

		Order-No. – Packing Unit
VALUE SVGA Cable, HD15 M – HD15 M	2 m	11.99.5252 – 20
VALUE SVGA Cable, HD15 M – HD15 M	3 m	11.99.5253 – 20
VALUE SVGA Cable, HD15 M – HD15 M	6 m	11.99.5256 – 10
VALUE SVGA Cable, HD15 M – HD15 M	10 m	11.99.5257 – 5
VALUE SVGA Cable, HD15 M – HD15 M	15 m	11.99.5258 – 2
VALUE SVGA Cable, HD15 M – HD15 M	20 m	11.99.5259 – 2



## ROLINE High Quality Monitor Cables

- High quality cable for connection of a monitor to a graphics card or VGA splitter or amplifier
- Deliverable in the lengths shown below or sold by the meter (without connectors, max. 100 m)
- Suitable for covering long distances (depending on graphics card and resolution) with high resolution; with amplifier up to 100 m
- Double shielded cable (braided and foil shield) consisting of: 3 coax lines for the RGB signals and 7 AWG28 wires
- Thumbscrews



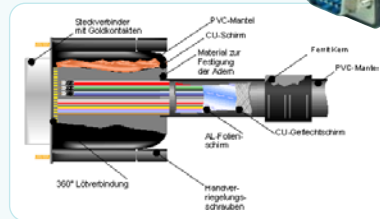
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		Order-No. – Packing Unit
ROLINE HQ VGA Cable, 100 m	reel	11.04.5200 – 1
ROLINE HQ VGA Cable, HD15 M – HD15 M	2 m	11.04.5202 – 20
ROLINE HQ VGA Cable, HD15 M – HD15 M	3 m	11.04.5203 – 20
ROLINE HQ VGA Cable, HD15 M – HD15 M	6 m	11.04.5206 – 10
ROLINE HQ VGA Cable HD15 M – HD15 M	10 m	11.04.5210 – 5
ROLINE HQ VGA Cable, HD15 M – HD15 M	20 m	11.04.5220 – 2
ROLINE HQ VGA Cable, HD15 M – HD15 M	30 m	11.04.5230 – 2
ROLINE HQ VGA Cable, HD15 M – HD15 M	50 m	11.04.5250 – 2
ROLINE HQ VGA Cable, HD15 M – HD15 F	2 m	11.04.5302 – 20
ROLINE HQ VGA Cable, HD15 M – HD15 F	3 m	11.04.5303 – 20
ROLINE HQ VGA Cable, HD15 M – HD15 F	6 m	11.04.5306 – 10
ROLINE HQ VGA Cable, HD15 M – HD15 F	10 m	11.04.5310 – 5
ROLINE HQ VGA Cable, HD15 M – HD15 F	20 m	11.04.5320 – 2
ROLINE HQ VGA Cable, HD15 M – HD15 F	30 m	11.04.5330 – 2
ROLINE HQ VGA Cable, HD15 M – HD15 F	50 m	11.04.5350 – 2

## ROLINE High Quality Monitor Cables with Ferrite Core

- High quality cable for connection of a monitor to a graphics card or VGA splitter or amplifier
- As monitor connection cable with two additional ferrite cores
- 3 coax lines for the RGB signals and 7 AWG28 wires
- Double screened cable (braided and foil shield)
- Thumbscrews

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		Order-No. – Packing Unit
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	2 m	11.04.5252 – 20
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	3 m	11.04.5253 – 20
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	6 m	11.04.5256 – 10
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	10 m	11.04.5260 – 5
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	20 m	11.04.5270 – 2
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	30 m	11.04.5280 – 2
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 M	50 m	11.04.5299 – 2
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	2 m	11.04.5352 – 20
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	3 m	11.04.5353 – 20
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	6 m	11.04.5356 – 10
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	10 m	11.04.5360 – 5
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	20 m	11.04.5370 – 2
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	30 m	11.04.5380 – 2
ROLINE HQ VGA Cable with Ferrite, HD15 M – HD15 F	50 m	11.04.5399 – 2

## ROLINE High Quality Cables with Ferrite + DDC

- High quality cables for connection of a monitor to a graphics card or VGA splitter or amplifier
- Thumbscrews
- Colour: black
- Additionally with two ferrite cores and DDC functionality
- 3 coax lines for the RGB signals and 9 AWG28 wires (all pins connected, incl. pin 9 and pin 15)
- Double screened cable (braided and foil shield)

		Order-No. – Packing Unit
ROLINE High Quality VGA Cable with Ferrite + DDC, HD15 M – HD15 M	2 m	11.04.5652 – 20
ROLINE High Quality VGA Cable with Ferrite + DDC, HD15 M – HD15 M	3 m	11.04.5653 – 20
ROLINE High Quality VGA Cable with Ferrite + DDC, HD15 M – HD15 M	6 m	11.04.5656 – 10
ROLINE High Quality VGA Cable with Ferrite + DDC, HD15 M – HD15 M	10 m	11.04.5660 – 5
ROLINE High Quality VGA Cable with Ferrite + DDC, HD15 M – HD15 M	20 m	11.04.5670 – 2



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# Computer Cables / Connectors / Adapters

## ROLINE Combi Cable VGA + Audio

- To connect a PC or switch with your PC in an easy way
- The separate cables VGA and 3.5 mm Audio are now combined in only one cable
- On both sides are HD15 M and 3.5 mm M connectors
- VGA connector with thumbscrews
- Colour: dark grey



	Order-No.	– Packing Unit
ROLINE Combi Cable, VGA + Audio, M-M 3 m	11.04.5153	– 20
ROLINE Combi Cable, VGA + Audio, M-M 6 m	11.04.5156	– 10
ROLINE Combi Cable, VGA + Audio, M-M 10 m	11.04.5160	– 5



## ROLINE BNC Monitor Cable

- Cable with five BNC plugs and 15-pole high density D-Sub plug (3-row): three BNC plugs transfer three primary colours, the fourth, the vertical synchronisation signal and the fifth, the horizontal synchronisation signal



**Legend:**

- R – red; GR – ground red
- G – green; GG – ground green
- B – blue; GB – ground blue
- H – horizontal; GH – ground horizontal
- V – vertical; GV – ground vertical
- S – synchro; GS – ground synchro



HD15:	1	2	3	4	10	6	7	8	11	13	14
5x BNC:	R	G	B	MH	GH	GR	GG	GB	GV	H	V

	Order-No.	– Packing Unit
ROLINE BNC Monitor Cable, HD15 M – 5x BNC 1.8 m	11.01.6918	– 25

## VALUE Monitor Cable DVI

- DVI is the standard for the digital transmission between graphic card and digital monitor (e.g. TFT)
- **Advantage:** No quality loss during digital/analog conversion
- Colour: black



	Order-No.	– Packing Unit
VALUE Monitor DVI Cable, DVI M – DVI M, (24+1) dual link 2 m	11.99.5525	– 25
VALUE Monitor DVI Cable, DVI M – DVI M, (24+1) dual link 3 m	11.99.5535	– 20
VALUE Monitor DVI Cable, DVI M – DVI M, (24+1) dual link 5 m	11.99.5555	– 10

## ROLINE Monitor Cable DVI – VGA

- Used for the connection of a TFT monitor with a DVI connector (DVI-A) to a standard VGA card
- Cable with one DVI Male (DVI-A) connector and one HD15 Male connector
- Cable colour: Black



	Order-No.	– Packing Unit
ROLINE DVI Cable, DVI (12+5) M – HD15 M 2 m	11.04.5420	– 25
ROLINE DVI Cable, DVI (12+5) M – HD15 M 3 m	11.04.5430	– 20
ROLINE DVI Cable, DVI (12+5) M – HD15 M 5 m	11.04.5450	– 10

## VALUE Monitor Cable DVI – VGA

- Used for the connection of a TFT monitor with an analog DVI connector to a standard VGA card
- Cable with one DVI Male connector and one HD15 Male connector
- Cable-Colour: Black



	Order-No.	– Packing Unit
VALUE DVI Cable, DVI (12+5) M – VGA M 2 m	11.99.5420	– 25
VALUE DVI Cable, DVI (12+5) M – VGA M 3 m	11.99.5430	– 20
VALUE DVI Cable, DVI (12+5) M – VGA M 5 m	11.99.5449	– 10

## ROLINE Monitor Cable DVI

- DVI is a video interface standard designed to provide very high visual quality on digital display devices such as flat panel LCD computer displays and digital projectors. It was developed to replace the VGA connector
- standard. It is designed for carrying uncompressed digital video data to a display.
- **Advantage:** No quality loss during digital/analog conversion
- Colour: Black



DVI single link



DVI dual link



	Order-No.	– Packing Unit
ROLINE Monitor Cable, DVI M – DVI M, (18+1) single link 2 m	11.04.5520	– 25
ROLINE Monitor Cable, DVI M – DVI M, (18+1) single link 3 m	11.04.5530	– 20
ROLINE Monitor Cable, DVI M – DVI M, (18+1) single link 5 m	11.04.5550	– 10
ROLINE Monitor Cable, DVI M – DVI M, (24+1) dual link 2 m	11.04.5525	– 25
ROLINE Monitor Cable, DVI M – DVI M, (24+1) dual link 3 m	11.04.5535	– 20
ROLINE Monitor Cable, DVI M – DVI M, (24+1) dual link 5 m	11.04.5555	– 10
ROLINE Monitor Cable, DVI M – DVI M, (24+1) dual link 10 m	11.04.5595	– 10

## ROLINE Gold Monitor Cable DVI

- DVI-D dual link version with (24+1)-pin assignment, recommended for monitors with bigger screen sizes
- ROLINE Gold cable with gold plated contacts and metal connector housing
- Nylon-reinforced cable outer material for a better stability
- Ferrite cores
- Thumbscrews

		Order-No. – Packing Unit
ROLINE Gold Monitor Cable, DVI M – M, (24+1) dual link	2 m	11.04.5512 – 10
ROLINE Gold Monitor Cable, DVI M – M, (24+1) dual link	3 m	11.04.5513 – 10
ROLINE Gold Monitor Cable, DVI M – M, (24+1) dual link	5 m	11.04.5514 – 10

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## VALUE Monitor Cable DVI – HDMI

DVI is partially compatible with the HDMI standard in digital mode (DVI-D). The main difference is that DVI typically carries no audio data.

- Connectors: DVI-D (18+1) to HDMI
- E.g. to connect a TFT monitor with DVI connector to a TV tuner card with HDMI connector
- Colour: Black



		Order-No. – Packing Unit
VALUE Monitor Cable, DVI (18+1) M – HDMI M	2 m	11.99.5522 – 20
VALUE Monitor Cable, DVI (18+1) M – HDMI M	3 m	11.99.5532 – 20
VALUE Monitor Cable, DVI (18+1) M – HDMI M	5 m	11.99.5552 – 10

## ROLINE Monitor Cable DVI – HDMI

DVI is partially compatible with the HDMI standard in digital mode (DVI-D). The main difference is that DVI typically carries no audio data.

- High quality shielded cable
- Connectors: DVI-D (18+1) to HDMI
- E.g. to connect a TFT monitor with DVI connector to a TV tuner card with HDMI connector
- Colour: Black

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		Order-No. – Packing Unit
ROLINE DVI Cable, DVI (18+1) M – HDMI M	2 m	11.04.5522 – 20
ROLINE DVI Cable, DVI (18+1) M – HDMI M	3 m	11.04.5532 – 20
ROLINE DVI Cable, DVI (18+1) M – HDMI M	5 m	11.04.5552 – 10

## VALUE Monitor Cable HDMI High Speed

HDMI supports standard, enhanced or high-definition video, plus multi-channel digital audio on a single cable. It transmits all ATSC HDTV standards and supports 8-channel digital audio, with bandwidth to spare to accommodate future enhancements and requirements.

- Colour: Black



		Order-No. – Packing Unit
VALUE HDMI High Speed Cable, HDMI M – HDMI M	1 m	11.99.5526 – 20
VALUE HDMI High Speed Cable, HDMI M – HDMI M	2 m	11.99.5527 – 20
VALUE HDMI High Speed Cable, HDMI M – HDMI M	3 m	11.99.5537 – 20
VALUE HDMI High Speed Cable, HDMI M – HDMI M	5 m	11.99.5557 – 10

## ROLINE Monitor Cable HDMI High Speed

HDMI is a compact audio/video interface for transmitting uncompressed digital data. It connects digital audio/video sources – such as set-top boxes, DVD players, Blu-ray Disc players, AVCHD camcorders, PCs, video game consoles and AV receivers – to compatible digital audio devices, computer monitors, video projectors, and digital televisions.

- ROLINE cable with high quality shielding
- Colour: black

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		Order-No. – Packing Unit
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	1 m	11.04.5571 – 20
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	2 m	11.04.5572 – 20
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	3 m	11.04.5573 – 20
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	5 m	11.04.5575 – 10
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	10 m	11.04.5576 – 5
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	15 m	11.04.5577 – 5
ROLINE HDMI High Speed Cable, HDMI M – HDMI M	20 m	11.04.5578 – 5

## ROLINE Gold HDMI High Speed Cables

HDMI (High-Definition Multimedia Interface) supports standard, enhanced or high-definition video plus multi-channel digital audio on a single cable.

- ROLINE Gold cables for premium applications

- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for enhanced durability
- Nylon-reinforced outer material for a better stability

		Order-No. – Packing Unit
ROLINE Gold HDMI High Speed Cable, HDMI M – HDMI M	1 m	11.04.5561 – 20
ROLINE Gold HDMI High Speed Cable, HDMI M – HDMI M	2 m	11.04.5562 – 20
ROLINE Gold HDMI High Speed Cable, HDMI M – HDMI M	3 m	11.04.5563 – 20
ROLINE Gold HDMI High Speed Cable, HDMI M – HDMI M	5 m	11.04.5565 – 10
ROLINE Gold HDMI High Speed Cable, HDMI M – HDMI M	10 m	11.04.5566 – 5

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# Computer Cables / Connectors / Adapters

## VALUE HDMI High Speed Cables with Ethernet

HDMI High Speed Cables with Ethernet – offering even more HDTV features.

- HDMI Ethernet Channel
- Audio Return Channel
- Supports 3D video formats

- For video resolutions far beyond 1080p, supporting next-generation displays
- Colour: black



Order-No. – Packing Unit

VALUE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	1 m	<b>11.99.5541 – 10</b>
VALUE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	2 m	<b>11.99.5542 – 10</b>
VALUE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	3 m	<b>11.99.5543 – 10</b>
VALUE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	5 m	<b>11.99.5545 – 10</b>

## ROLINE Gold HDMI High Speed with Ethernet Cables

- ROLINE Gold cables for premium applications
- HDMI Ethernet Channel – Adds high-speed networking to an HDMI link, allowing users to take full advantage of their IP-enabled devices without a separate ethernet cable
- Audio Return Channel – Allows an HDMI-connected TV with a built-in tuner to send audio data „upstream“ to a surround audio system, eliminating the need for a separate audio cable

- 3D – Defines input/output protocols for major 3D video formats
- 4k support – Enables video resolutions far beyond 1080p, supporting next-generation displays
- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for enhanced durability
- Nylon-reinforced outer material for a better stability



Order-No. – Packing Unit

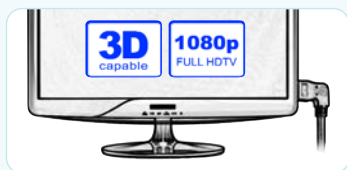
ROLINE Gold HDMI High Speed Cable with Ethernet, HDMI M-M	1 m	<b>11.04.5501 – 20</b>
ROLINE Gold HDMI High Speed Cable with Ethernet, HDMI M-M	2 m	<b>11.04.5502 – 20</b>
ROLINE Gold HDMI High Speed Cable with Ethernet, HDMI M-M	3 m	<b>11.04.5503 – 20</b>
ROLINE Gold HDMI High Speed Cable with Ethernet, HDMI M-M	5 m	<b>11.04.5505 – 10</b>

## ROLINE HDMI High Speed Cables with Ethernet, right angle

ROLINE HDMI High Speed Cables with Ethernet – offering even more HDTV features.

- HDMI Ethernet Channel
- Audio Return Channel
- Supports 3D video formats
- Cable with HDMI male connector on both sides

- **One connector right angle (90°)**, so that the cable will not be bent, when there is only small space to the wall
- Quality cable with improved shielding
- Colour: black



Order-No. – Packing Unit

ROLINE HDMI High Speed Cable with Ethernet, M – M, right angle	1 m	<b>11.04.5620 – 30</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, right angle	2 m	<b>11.04.5621 – 25</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, right angle	3 m	<b>11.04.5622 – 20</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, right angle	5 m	<b>11.04.5623 – 10</b>

## ROLINE HDMI High Speed Cables with Ethernet

ROLINE HDMI High Speed Cables with Ethernet - offering even more HDTV features.

- HDMI Ethernet Channel
- Audio Return Channel
- 3D – Defines input/output protocols for major 3D video formats

- 4k support – Enables video resolutions far beyond 1080p, supporting next-generation displays
- Quality cable with improved shielding
- Colour: black



Order-No. – Packing Unit

ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	1 m	<b>11.04.5541 – 10</b>
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	2 m	<b>11.04.5542 – 10</b>
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	3 m	<b>11.04.5543 – 10</b>
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	5 m	<b>11.04.5545 – 10</b>
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	10 m	<b>11.04.5547 – 5</b>
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	15 m	<b>11.04.5548 – 5</b>
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M	20 m	<b>11.04.5549 – 5</b>

## ROLINE HDMI High Speed Cables with Ethernet, left angle

ROLINE HDMI High Speed Cables with Ethernet – offering even more HDTV features.

- HDMI Ethernet Channel
- Audio Return Channel
- Supports 3D video formats
- Cable with HDMI male connector on both sides

- **One connector left angle (90°)**, so that the cable will not be bent, when there is only small space to the wall
- Quality cable with improved shielding
- Colour: black



Order-No. – Packing Unit

ROLINE HDMI High Speed Cable with Ethernet, M – M, left angle	1 m	<b>11.04.5615 – 30</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, left angle	2 m	<b>11.04.5616 – 25</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, left angle	3 m	<b>11.04.5617 – 20</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, left angle	5 m	<b>11.04.5618 – 10</b>

## ROLINE HDMI High Speed Cables with Ethernet, down angle

ROLINE HDMI High Speed Cables with Ethernet – offering even more HDTV features.

- HDMI Ethernet Channel
- Audio Return Channel
- Supports 3D video formats
- Cable with HDMI male connector on both sides
- **One connector down angle (90°)**, so that the cable will not be bent, when there is only small space to the wall
- Quality cable with improved shielding

- Colour: black



Order-No. – Packing Unit

ROLINE HDMI High Speed Cable with Ethernet, M – M, down angle	1 m	<b>11.04.5625 – 30</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, down angle	2 m	<b>11.04.5626 – 25</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, down angle	3 m	<b>11.04.5627 – 20</b>
ROLINE HDMI High Speed Cable with Ethernet, M – M, down angle	5 m	<b>11.04.5628 – 10</b>

## ROLINE Gold HDMI High Speed Cable with Ethernet, 3D-Swivel

- ROLINE Gold cables for premium applications
- HDMI Ethernet Channel
- Audio Return Channel
- Supports 3D video formats
- For video resolutions far beyond 1080p, supporting next-generation displays
- Cable with HDMI male connector on both sides
- One connector with **swivel functionality**, so that the cable will not be bent, when there is only small space to the wall

- High quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for enhanced durability
- Nylon-reinforced cable outer material for a better stability



**3D** capable **1080p** FULL HDTV

ROLINE Gold HDMI High Speed Cable w. Eth., 3D-Swivel 2 m **11.04.5507 – 10**

## ROLINE Gold HDMI High Speed Cable with Ethernet, Flat

- ROLINE Gold cables for premium applications
- HDMI Ethernet Channel
- Audio Return Channel
- Supports 3D video formats
- For video resolutions far beyond 1080p, supporting next-generation displays
- Cable with HDMI male connector on both sides
- **Extra flat** cable high quality cable with golden metal connector housing and shell for better shielding
- Gold plated contacts for enhanced durability
- Nylon-reinforced cable outer material for a better stability

**3D** capable **1080p** FULL HDTV

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ROLINE Gold HDMI High Speed Cable w. Eth., M – M, flat 2 m **11.04.5509 – 10**

## ROLINE HDMI High Speed Cable, Type C

- ROLINE HDMI High Speed Cables with Ethernet - offering even more HDTV features.
- HDMI Ethernet Channel
  - Audio Return Channel
  - 3D – Defines input/output protocols for major 3D video formats
  - 4k support – Enables video resolutions far beyond 1080p, supporting next-generation displays

- Cable with HDMI type A M to HDMI type C (Mini HDMI) M connector
- Quality cable with improved shielding
- Colour: black

**3D** capable **1080p** FULL HDTV



HDMI M

Mini HDMI M

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ROLINE HDMI High Speed Cable, HDMI Type A M – HDMI Type C M 2 m **11.04.5579 – 10**

## ROLINE HDMI High Speed Cable with Ethernet, HDMI Type C/D

For the connection of e. g. mobile phones, smart phones, PDAs, digital cameras.

- Quality cable with improved shielding
- Colour: black

**3D** capable **1080p** FULL HDTV

- HDMI Ethernet Channel
- Audio Return Channel
- 3D – Defines input/output protocols for major 3D video formats
- 4k support – Enables video resolutions far beyond 1080p, supporting next-generation displays
- Connectors 11.04.5580: HDMI Type A M to HDMI Type C (Mini HDMI) M
- Connectors 11.04.5581: HDMI Type A M to HDMI Type D (Micro HDMI) M



Micro HDMI M

Mini HDMI M

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HDMI High Speed Cable with Ethernet, HDMI Type A M – HDMI Type C M 2 m **11.04.5580 – 10**  
HDMI High Speed Cable with Ethernet, HDMI Type A M – HDMI Type D M 2 m **11.04.5581 – 10**

## ROLINE Slim HDMI High Speed Cable with Ethernet

For the connection of e. g. a monitor/LCD TV resp. mobile phone, smart phone, PDA, digital camera with HDMI connection.

- HDMI Ethernet Channel
- Audio Return Channel
- 3D – Defines input/output protocols for major 3D video formats
- 4k support – Enables video resolutions far beyond 1080p, supporting next-generation displays
- **Extra slim cable** - easy to store and transport and therefore ideal for mobile use
- Quality cable with improved shielding
- Three different connector versions available
- Length: 1.2 m
- Color: black

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**3D** capable **1080p** FULL HDTV

Slim HDMI High Speed Cable w. Ethernet, HDMI Type A M – HDMI Type A M 1.2 m **11.04.5632 – 20**  
Slim HDMI High Speed Cable w. Ethernet, HDMI Type A M – HDMI Type C M 1.2 m **11.04.5630 – 20**  
Slim HDMI High Speed Cable w. Ethernet, HDMI Type A M – HDMI Type D M 1.2 m **11.04.5631 – 20**

## ROLINE HDMI High Speed Cable with Ethernet

ROLINE HDMI High Speed Cables with Ethernet - offering even more HDTV features.

- HDMI Ethernet Channel
- Audio Return Channel
- 3D – Defines input/output protocols for major 3D video formats

- 4k support – Enables video resolutions far beyond 1080p, supporting next-generation displays
- Quality cable with improved shielding
- Colour: white

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**3D** capable **1080p** FULL HDTV

ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M, white 2 m **11.04.5587 – 10**  
ROLINE HDMI High Speed Cable with Ethernet, HDMI M – HDMI M, white 5 m **11.04.5588 – 10**

# Computer Cables / Connectors / Adapters

## VALUE HDMI High Speed with Ethernet Cables, Retractable

- Ideal cables for mobile office users and for traveling
- For the connection of e. g. a monitor or mobile phones, smart phones, PDAs, digital cameras to your notebook

- Cable length is adaptable through automatic retraction up to 1.2 m
- Tangle free
- Colour: black

Technical data:	11.99.5538	11.99.5539	11.99.5540	11.99.5573
Connector 1:	HDMI Type A M	HDMI Type A M	HDMI Type A M	HDMI Type A M
Connector 2:	HDMI Type A M	HDMI Type C (Mini) M	HDMI Type D (Micro) M	HDMI Type A M
Additional adapters:	-	-	-	HDMI Type C (Mini) M, HDMI Type D (Micro) M

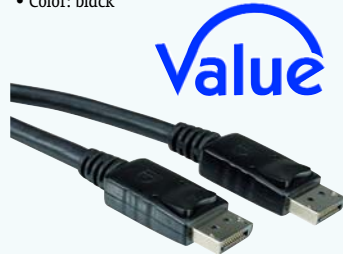
	Order-No. – Packing Unit
<b>A)</b> HDMI High Speed Cable w. Eth., HDMI M – HDMI M, retractable 1.2 m	<b>11.99.5538 – 20</b>
<b>B)</b> HDMI High Speed Cable w. Eth., HDMI Type A M – Type C M, retract. 1.2 m	<b>11.99.5539 – 20</b>
<b>C)</b> HDMI High Speed Cable w. Eth., HDMI Type A M – Type D M, retract. 1.2 m	<b>11.99.5540 – 20</b>
<b>D)</b> HDMI High Speed Cable with Ethernet, 3in1 Set, retractable 1.2 m	<b>11.99.5573 – 20</b>



## VALUE DisplayPort Cables

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater.

- Color: black



- Cable with DisplayPort male connector on both sides

	Order-No. – Packing Unit
VALUE DisplayPort Cable, DP M – DP M 2 m	<b>11.99.5602 – 10</b>
VALUE DisplayPort Cable, DP M – DP M 3 m	<b>11.99.5603 – 10</b>
VALUE DisplayPort Cable, DP M – DP M 5 m	<b>11.99.5605 – 10</b>

## ROLINE DisplayPort Cables

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater. The DisplayPort and the HDMI signal are compatible.

- ROLINE quality cable with improved shielding
- Cable with DisplayPort male connector on both sides
- Color: black



	Order-No. – Packing Unit
ROLINE DisplayPort Cable, DP M – DP M 2 m	<b>11.04.5602 – 20</b>
ROLINE DisplayPort Cable, DP M – DP M 3 m	<b>11.04.5603 – 20</b>
ROLINE DisplayPort Cable, DP M – DP M 5 m	<b>11.04.5605 – 10</b>
ROLINE DisplayPort Cable, DP M – DP M 10 m	<b>11.04.5609 – 5</b>

## ROLINE DisplayPort Cables to Mini DP

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater. The DisplayPort and the HDMI signal are compatible.

- Cable with DisplayPort male to Mini DisplayPort male (e. g. for Mac)
- Color: black



	Order-No. – Packing Unit
ROLINE DisplayPort Cable, DP M – Mini DP M 2 m	<b>11.04.5635 – 20</b>
ROLINE DisplayPort Cable, DP M – Mini DP M 3 m	<b>11.04.5636 – 20</b>

## ROLINE Mini DisplayPort Cables

DisplayPort is a digital display interface standard that defines a new digital audio/video interconnection. The intension of the DisplayPort is to be used primarily between a computer and its display monitor, or a computer and a home-theater. The DisplayPort and the HDMI signal are compatible.

- Color: black

- Cable with Mini DisplayPort male connector on both sides (e. g. for Mac)



	Order-No. – Packing Unit
ROLINE DisplayPort Cable, Mini DP M – Mini DP M 2 m	<b>11.04.5640 – 20</b>
ROLINE DisplayPort Cable, Mini DP M – Mini DP M 3 m	<b>11.04.5641 – 20</b>

## ROLINE Gold DisplayPort Cables

ROLINE Gold DisplayPort cables for premium applications!

- Cable with DisplayPort male connector on both sides
- Double shielded
- High quality cable with golden shell for better shielding
- Gold plated contacts for enhanced durability
- Nylon-reinforced outer material for a better stability



	Order-No. – Packing Unit
ROLINE Gold DisplayPort Cable, DP M – DP M 2 m	<b>11.04.5645 – 10</b>
ROLINE Gold DisplayPort Cable, DP M – DP M 3 m	<b>11.04.5646 – 10</b>
ROLINE Gold DisplayPort Cable, DP M – DP M 5 m	<b>11.04.5647 – 5</b>

## ROLINE DisplayPort Cables to DVI

For the connection of a DisplayPort graphic card to DVI devices. DisplayPort offers the unique ability to connect to previous connections such as DVI. Its signal is compatible with DVI but does not pass the audio signal.

- Color: black

- Connectors: DisplayPort M to DVI M
- **Remark:** The DisplayPort to DVI cable is only working in one direction: the DisplayPort plug has to be connected to the source device (e.g. graphic card)



	Order-No. – Packing Unit
ROLINE DisplayPort Cable, DP M – DVI (24+1) M 2 m	<b>11.04.5610 – 10</b>
ROLINE DisplayPort Cable, DP M – DVI (24+1) M 3 m	<b>11.04.5611 – 10</b>
ROLINE DisplayPort Cable, DP M – DVI (24+1) M 5 m	<b>11.04.5612 – 10</b>

## VALUE/ROLINE Audio/Video Cables

- To be used for multimedia and entertainment

**roline**<sup>®</sup>  
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Audio / Video Cable	Length	Order-No. – Packing Unit
<b>AV-Fiber Cable (Picture A)</b>		
VALUE Fiber Cable Toslink M-M	1.0 m	11.99.4381 – 50
VALUE Fiber Cable Toslink M-M	2.0 m	11.99.4382 – 30
VALUE Fiber Cable Toslink M-M	3.0 m	11.99.4383 – 20
ROLINE Fiber Cable Toslink M-M	1.0 m	11.09.4381 – 50
ROLINE Fiber Cable Toslink M-M	2.0 m	11.09.4382 – 30
ROLINE Fiber Cable Toslink M-M	3.0 m	11.09.4383 – 20
<b>Scart Video Cable (Picture B)</b>		
VALUE Scart Video Cable Euro AV M-M	2.0 m	11.99.4315 – 50
VALUE Scart Video Cable Euro AV M-M	3.0 m	11.99.4316 – 30
VALUE Scart Video Cable Euro AV M-M	5.0 m	11.99.4317 – 20
VALUE Scart Video Cable Euro AV M-M	10.0 m	11.99.4318 – 10
<b>DVD Cable, Scart M / S-Video M + 3.5mm M (Picture C)</b>		
VALUE DVD Cable	5.0 m	11.99.4310 – 20
ROLINE DVD Cable	5.0 m	11.09.4310 – 20
<b>Scart Adapter, Scart M / 3x Cinch BU + S-Video F (Picture D)</b>		
VALUE Scart Adapter, input/output		11.99.4411 – 1
<b>Cinch Cable (Picture E)</b>		
VALUE Cinch Cable simplex M-F	5.0 m	11.99.4325 – 30
VALUE Cinch Cable simplex M-F	10.0 m	11.99.4329 – 20
VALUE Cinch Cable duplex M-F	5.0 m	11.99.4326 – 20
VALUE Cinch Cable duplex M-F	10.0 m	11.99.4330 – 15
ROLINE Cinch Cable duplex M-F	5.0 m	11.09.4326 – 20
ROLINE Cinch Cable duplex M-F	10.0 m	11.09.4330 – 15
<b>Cinch Cable (Picture F)</b>		
VALUE Cinch Cable simplex M-M	2.5 m	11.99.4332 – 50
VALUE Cinch Cable simplex M-M	5.0 m	11.99.4335 – 30
VALUE Cinch Cable simplex M-M	10.0 m	11.99.4339 – 20
VALUE Cinch Cable duplex M-M	2.5 m	11.99.4333 – 25
VALUE Cinch Cable duplex M-M	5.0 m	11.99.4336 – 20
VALUE Cinch Cable duplex M-M	10.0 m	11.99.4338 – 15
ROLINE Cinch Cable duplex M-M	2.5 m	11.09.4333 – 25
ROLINE Cinch Cable duplex M-M	5.0 m	11.09.4336 – 20
ROLINE Cinch Cable duplex M-M	10.0 m	11.09.4338 – 15
<b>3.5mm Cinch Cable (Picture G)</b>		
VALUE 3.5mm (M) Cinch (2x M) Cable	1.5 m	11.99.4341 – 50
VALUE 3.5mm (M) Cinch (2x M) Cable	5.0 m	11.99.4345 – 30
VALUE 3.5mm (M) Cinch (2x F) Cable	0.2 m	11.99.4340 – 100
ROLINE 3.5mm (M) Cinch (2x M) Cable	1.5 m	11.09.4341 – 50
ROLINE 3.5mm (M) Cinch (2x M) Cable	5.0 m	11.09.4345 – 30
ROLINE 3.5mm (M) Cinch (2x M) Cable	10.0 m	11.09.4349 – 20
ROLINE 3.5mm (M) Cinch (2x F) Cable	0.2 m	11.09.4340 – 100
<b>3.5mm Adapter (Picture H)</b>		
VALUE 3.5mm Adapter (1x M, 2x F)		11.99.4440 – 100
VALUE 3.5mm (M) Cinch (2x F) Adapter		11.99.4441 – 100
ROLINE 3.5mm Adapter (1x M, 2x F)		11.09.4440 – 50
<b>3.5mm Cable (Picture I)</b>		
ROLINE 3.5mm Cable M-M	0.2 m	11.09.4500 – 150
ROLINE 3.5mm Cable M-M	1.0 m	11.09.4501 – 100
ROLINE 3.5mm Cable M-M	2.0 m	11.09.4502 – 50
ROLINE 3.5mm Cable M-M	3.0 m	11.09.4503 – 30
ROLINE 3.5mm Cable M-M	5.0 m	11.09.4505 – 20
ROLINE 3.5mm Cable M-M	10.0 m	11.09.4510 – 10
<b>3.5mm Extension Cable (Picture J)</b>		
VALUE 3.5mm Extension Cable M-F	3.0 m	11.99.4353 – 50
VALUE 3.5mm Extension Cable M-F	5.0 m	11.99.4355 – 30
VALUE 3.5mm Extension Cable M-F	10.0 m	11.99.4359 – 20
ROLINE 3.5mm Extension Cable M-F	3.0 m	11.09.4353 – 50
ROLINE 3.5mm Extension Cable M-F	5.0 m	11.09.4355 – 30
ROLINE 3.5mm Extension Cable M-F	10.0 m	11.09.4359 – 20
<b>S-Video Cable, Mini DIN 4pol. M-M (Picture K)</b>		
VALUE S-Video Cable	3.0 m	11.99.4363 – 50
VALUE S-Video Cable	5.0 m	11.99.4365 – 30
VALUE S-Video Cable	10.0 m	11.99.4369 – 20
ROLINE S-Video Cable	3.0 m	11.09.4363 – 50
ROLINE S-Video Cable	5.0 m	11.09.4365 – 30
ROLINE S-Video Cable	10.0 m	11.09.4369 – 20
<b>Antenna Cable, 75 Ohm, 9,5mm (Picture L)</b>		
VALUE Antenna Cable M-F	1.5 m	11.99.4460 – 1
VALUE Antenna Cable M-F	2.5 m	11.99.4463 – 1



# Computer Cables / Connectors / Adapters

## VALUE Internal Hard Disk Cables, SATA 3.0 Gbit/s

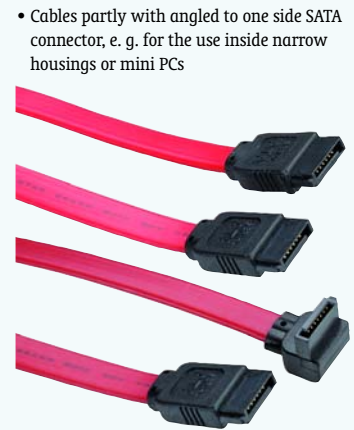
- Cables for the connection of a SATA 3.0 Gbit/s (SATA II) HDD to a Serial ATA controller
- Support data transfer rates of up to 3.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I)
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA
- Cable partly with angled to one side SATA connector, e.g. for the use inside narrow housings or mini PCs



		Order-No.	Packing Unit
VALUE Internal SATA 3.0 Gbit/s Cable	0.5 m	11.99.1555	– 100
VALUE Internal SATA 3.0 Gbit/s Cable	1.0 m	11.99.1560	– 100
VALUE Internal SATA 3.0 Gbit/s Cable, angled	0.5 m	11.99.1556	– 100
VALUE Internal SATA 3.0 Gbit/s Cable, angled	1 m	11.99.1561	– 100

## ROLINE Internal Hard Disk Cable, SATA 3.0 Gbit/s

- The narrow high quality cable design simplifies cable, routing and installation and improves the internal air flow.
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA Controller
  - Support data transfer rates of up to 3.0 Gbit/s (SATA II)
  - Compatible with SATA 1.5 Gbit/s (SATA I)
  - 4-pin cable with ground wires
  - Connectors: 2x internal 7-pin SATA

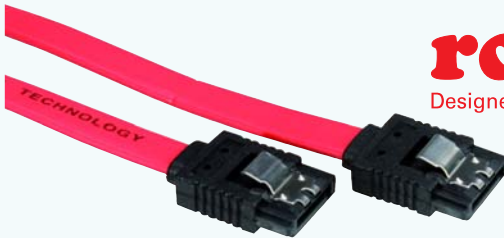


		Order-No.	Packing Unit
ROLINE Internal SATA 3.0 Gbit/s Cable	0.5 m	11.03.1555	– 100
ROLINE Internal SATA 3.0 Gbit/s Cable	1 m	11.03.1560	– 100
ROLINE Internal SATA 3.0 Gbit/s Cable, angled	0.5 m	11.03.1556	– 100
ROLINE Internal SATA 3.0 Gbit/s Cable, angled	1 m	11.03.1561	– 100

## ROLINE Internal SATA 3.0 Gbit/s Cable with Latch

- Utilizing the SATA II specification and with its unique locking latch, you can rest assured your system is safe and secure with this ROLINE high quality cable.
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA controller
  - Support data transfer rates of up to 3.0 Gbit/s

- Compatible with SATA 1.5 Gbit/s (SATA I)
- With latch on both connectors
- Narrow cable design to increase internal air flow
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA

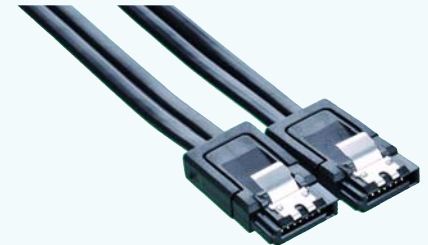


		Order-No.	Packing Unit
ROLINE Internal SATA 3.0 Gbit/s Cable with Latch	0.5 m	11.03.1554	– 50
ROLINE Internal SATA 3.0 Gbit/s Cable with Latch	1 m	11.03.1559	– 50

## VALUE Internal SATA 6.0 Gbit/s Cable with Latch

- Some of the advantages of the new ATA series (SATA technology) are conditional on the use of relatively thin and flexible cables, which simplifies the use in the computer substantially and also brings a clear improvement to the air flow inside the computer housing.
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA controller

- Support data transfer rates of up to 6.0 Gbit/s
- Compatible with SATA 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA with latch on both connectors



		Order-No.	Packing Unit
VALUE Internal SATA 6.0 Gbit/s Cable with Latch	0.5 m	11.99.1550	– 20
VALUE Internal SATA 6.0 Gbit/s Cable with Latch	1.0 m	11.99.1551	– 20

## ROLINE Internal SATA 6.0 Gbit/s Cable with Latch

- Utilizing the SATA III specification and with its unique locking latch, you can rest assured your system is safe and secure.
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA controller
  - Support data transfer rates of up to 6.0 Gbit/s
  - Compatible with SATA 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
  - Cable With latch on both connectors
  - Narrow cable design to increase internal air flow
  - 4-pin cable with ground wires

- Connectors: 2x internal 7-pin SATA



		Order-No.	Packing Unit
ROLINE Internal SATA 6.0 Gbit/s Cable with Latch	0.5 m	11.03.1552	– 50
ROLINE Internal SATA 6.0 Gbit/s Cable with Latch	1.0 m	11.03.1553	– 50

## ROLINE Internal SATA 6.0 Gbit/s Cable, angled, with Latch

- Utilizing the SATA III specification and with its unique locking latch, you can rest assured your system is safe and secure.
- Connect your high-speed Serial ATA device (e. g. HDD) to a Serial ATA controller
  - Support data transfer rates of up to 6.0 Gbit/s
  - Compatible with SATA 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
  - Cable with latch on both connectors
  - Cable with connector angled to one side, with pull for easy removal

- Narrow cable design to increase internal air flow
- 4-pin cable with ground wires
- Connectors: 2x internal 7-pin SATA

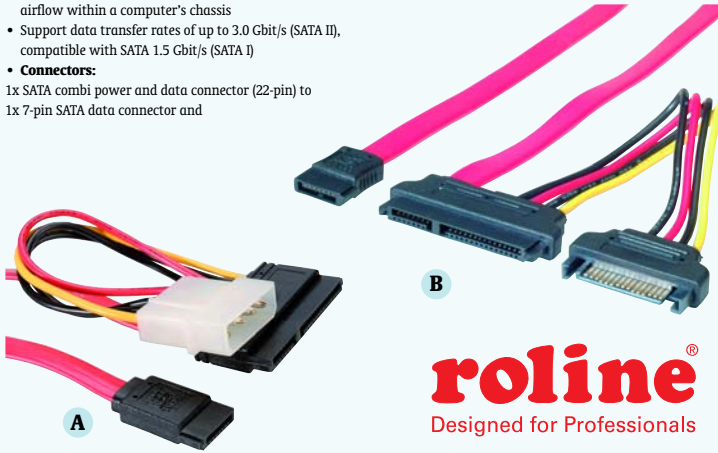


		Order-No.	Packing Unit
ROLINE Internal SATA 6.0 Gbit/s Cable, angled, with Latch	0.5 m	11.03.1564	– 25
ROLINE Internal SATA 6.0 Gbit/s Cable, angled, with Latch	1.0 m	11.03.1565	– 25

## ROLINE SATA 3.0 Gbit/s Data and Power Cable

- High quality ROLINE combo-cables for the actual SATA technology for connecting SATA HDDs
- Can be utilized alongside the existing PC architecture without the need for physical modification
- The thin Serial ATA cables also significantly improve airflow within a computer's chassis
- Support data transfer rates of up to 3.0 Gbit/s (SATA II), compatible with SATA 1.5 Gbit/s (SATA I)

1x 4-pin HDD plug (11.03.1250) resp. 1x 15-pin SATA power connector (11.03.1251)



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Order-No. – Packing Unit

ROLINE SATA 3.0 Gbit/s Data and Power Cable (4-pin HDD), 1 m	<b>A</b>	<b>11.03.1250 – 30</b>
ROLINE SATA 3.0 Gbit/s Data and Power Cable (15-pin SATA), 1 m	<b>B</b>	<b>11.03.1251 – 30</b>

## ROLINE External SATA 3.0 Gbit/s Cables

ROLINE high quality HDD cables for the connection of an external SATA hard disk.

- Support data transfer rates of up to 3.0 Gbit/s (SATA II)
- Compatible with SATA 1.5 Gbit/s (SATA I)
- 4-pin cable with ground wires
- Connectors: 2x external 7-pin SATA 3.0 Gbit/s



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Order-No. – Packing Unit

ROLINE External SATA 3.0 Gbit/s Cable	0.5 m	<b>11.03.1575 – 50</b>
ROLINE External SATA 3.0 Gbit/s Cable	1 m	<b>11.03.1580 – 50</b>

## ROLINE External SATA 6.0 Gbit/s Cables

ROLINE high quality HDD cables for the connection of an external SATA hard disk.

- Support data transfer rates of up to 6.0 Gbit/s (SATA III)
- Compatible with SATA 3.0 Gbit/s (SATA II), SATA 1.5 Gbit/s (SATA I)
- 4-pin cable with ground wires
- Connectors: 2x external 7-pin SATA 3.0 Gbit/s



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Order-No. – Packing Unit

ROLINE External SATA 6.0 Gbit/s Cable	0.5 m	<b>11.03.1548 – 50</b>
ROLINE External SATA 6.0 Gbit/s Cable	1.0 m	<b>11.03.1549 – 50</b>

## VALUE SATA 3.0 Gbit/s Slot Bracket

This slot bracket brings one/two SATA 3.0 Gbit/s ports from inside your PC (provided from the motherboard) to the backside of your PC for external use.

- Internal connector: 1x / 2x 7-pin SATA M
- External connector: 1x / 2x 7-pin eSATA F
- Cable length: 0.3 m



Order-No. – Packing Unit

VALUE SATA 3.0 Gbit/s Slot Bracket, 0.3 m, 1 Port	<b>A</b>	<b>11.99.1231 – 20</b>
VALUE SATA 3.0 Gbit/s Slot Bracket, 0.3 m, 2 Ports	<b>B</b>	<b>11.99.1232 – 20</b>

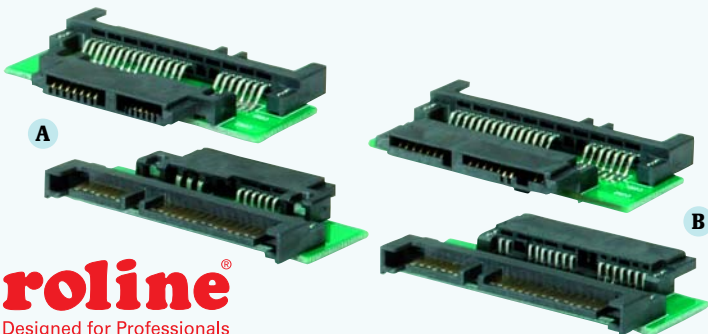
## ROLINE Internal SATA Adapters

### Adapter SATA to Slim SATA (11.03.1568)

- For the connection of a drive with Slim SATA F to a SATA cable
- Connectors: SATA 22-pin to Slim SATA 13-pin (data and power)

### Adapter SATA to Micro SATA (11.03.1569)

- For the connection of a drive with Micro SATA F to a SATA cable
- Connectors: SATA 22-pin to Micro SATA 16-pin (data and power)



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Order-No. – Packing Unit

ROLINE Adapter, SATA 22-pin to Slim SATA 13-pin	<b>A</b>	<b>11.03.1568 – 5</b>
ROLINE Adapter, SATA 22-pin to Micro SATA 16-pin	<b>B</b>	<b>11.03.1569 – 5</b>

## ROLINE eSATAp 5V/12V Adapter with Slot Bracket, 1 Port

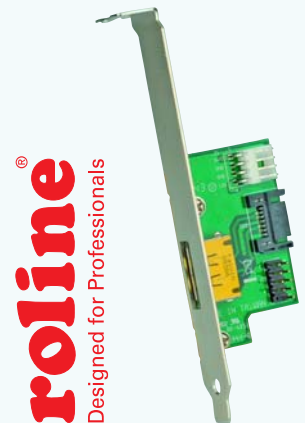
The power over eSATA technology offers the possibility to get power and data over one cable from the SATA port like it is already possible over USB.

- Supplies eSATA data and power on the same port and cable

USB functionality:

- Data transfer rates up to 480 Mbit/s
- SATA functionality:
- Supports SATA 3.0 Gbit/s and SATA 1.5 Gbit/s
- Power over eSATA port supplies 5V and 12V power over eSATA connector (from PC's internal power supply; cable not included)
- Connect your external type 2.5/3.5 SATA HDD without a supplementary power supply
- Input: 1x 4-pin power, 1x 7-pin SATA (L-Type), 1x internal USB connector (9-pin)
- Output: 1x eSATAp

- **Contents:** Adapter Card, internal USB cable



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Order-No. – Packing Unit

ROLINE eSATAp 5V/12V Adapter with Slot Bracket, 1 Port	<b>12.02.1050 – 5</b>
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# Computer Cables / Connectors / Adapters

## ROLINE External eSATAp 3.0 Gbit/s Cable, 5/12V

Get 3.0 Gbit/s data transfer rate and 5/12 Volt power from the USB/eSATA 2 in 1 host connector at the same time.

- Supports SATA 3.0 Gbit/s transfer rate
- Connectors: 2x Power over eSATA Male
- No extra power supply needed
- Length: 1 m
- Color: Black
- **Remark:** Cables can only be used with eSATAp compatible devices. According I/O Cards are listed on page 4.03.



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## ROLINE External eSATAp to 22-Pin SATA Adapter, 5/12V

Get 3.0 Gbit/s data transfer rate and 5/12 Volt power from the USB/eSATA 2 in 1 host connector at the same time.

- Small design for easy carrying and space saving
- Connectors: Power over eSATA Male, type 2.5/3.5 SATA HDD adapter
- Supports any hot swappable type 2.5/3.5 hard disk
- Built in LED light for power indication
- No extra power supply needed
- Color: Black

- **Remark:** Cables can only be used with eSATAp compatible devices. According I/O Cards are listed on page 4.03.



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	Order-No.	— Packing Unit
ROLINE External eSATAp 3.0 Gbit/s Cable, 5/12V	1 m	11.03.1590 – 10

	Order-No.	— Packing Unit
ROLINE External eSATAp to 22-Pin SATA Adapter, 5/12V	1 m	11.03.1592 – 10

## ROLINE SAS to 4x SATA Cable



In computer hardware, Serial Attached SCSI (SAS) is a computer bus technology primarily designed for transferring data to and from devices like hard disks. SAS is a serial communication protocol for direct attached storage (DAS) devices.

- Cable for using 4 SATA HDDs together with one SAS controller
- Connectors: 4x SATA Male, 1x SAS (SFF-8484) Male
- Colour: Red
- Length: 50 cm

In computer hardware, Serial Attached SCSI (SAS) is a computer bus technology primarily designed for transferring data to and from devices like hard disks. SAS is a serial communication protocol for direct attached storage (DAS) devices.

- Cable for using 4 SATA HDDs together with one SAS controller

- Connectors: 4x SATA Male, 1x Mini SAS Male (SFF-8087 connector)
- Colour: Red
- Length: 50 cm

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	Order-No.	— Packing Unit
ROLINE SAS to 4x SATA Cable	0.5 m	11.03.1585 – 20

	Order-No.	— Packing Unit
ROLINE Mini SAS To 4x SATA Cable	0.5 m	11.03.1587 – 25



## ROLINE SAS Data and Power Cable

- High quality combi cable for the actual SATA/SAS technique for connecting HDDs
- Supports SATA 3.0 Gbit/s (SATA II), SATA 1.5 Gbit/s (SATA I) and SAS
- Connectors: 1x Internal SATA/SAS data connector (SF-8482) to 1x 4-pin HDD plug and 2x 7-pin SATA data connector



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	Order-No.	— Packing Unit
ROLINE SAS Data and Power Cable	0.5m	11.03.1065 – 20

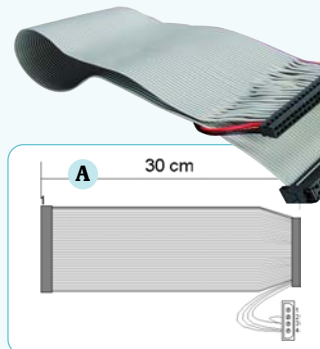
## ROLINE IDC-Adapter/Hard Drive Cable AT 2.5

### (A) Hard Drive Cable:

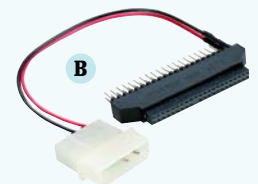
- Connects one type 2.5 hard disk with the controller card
- 40-pin connection cable with 1 x IDC and 1 x IDC Mini sockets (44-pin)
- Length: 30 cm

### (B) IDC-Adapter:

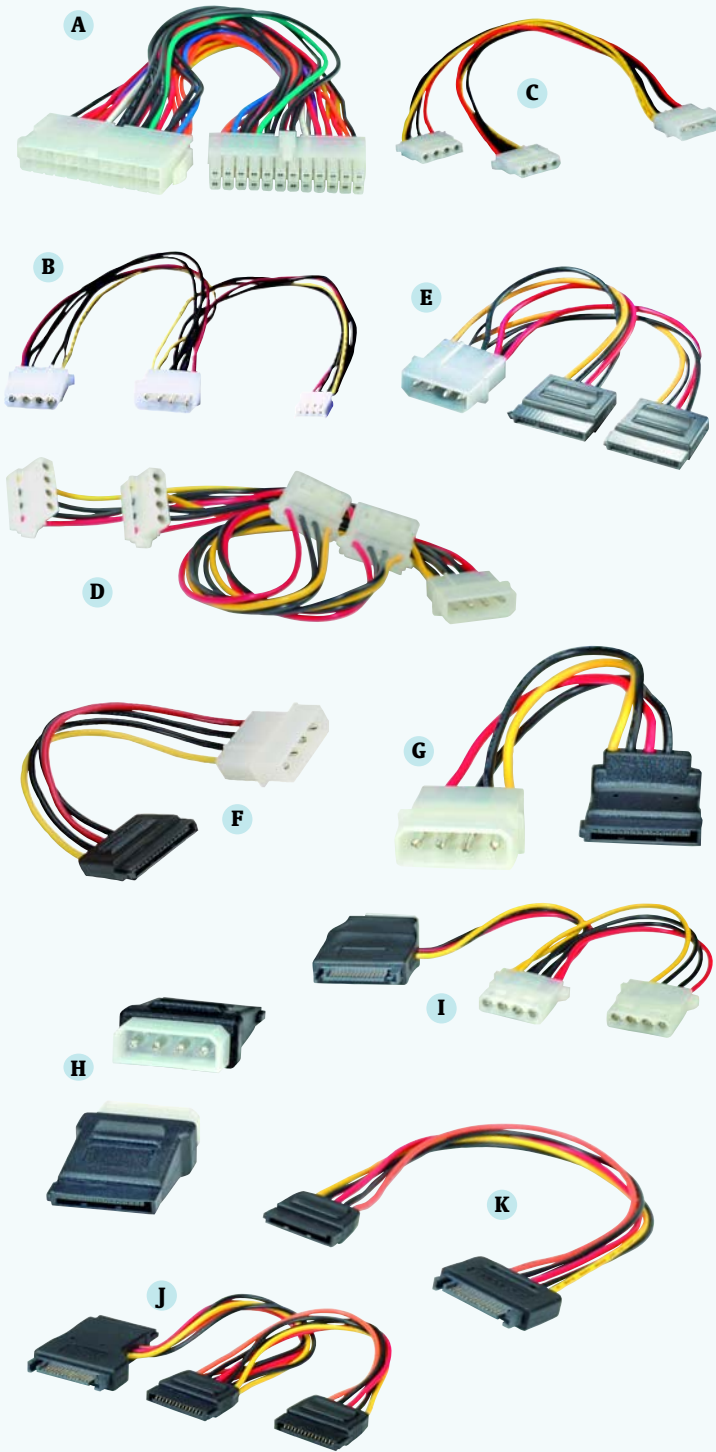
- To connect a standard IDC 40 wire hard disk flat cable to a type 2.5 hard disk
- 40 wires IDC connector on 44 wire IDC Mini socket Male
- Length: ca. 10 cm



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	Order-No.	— Packing Unit
ROLINE AT Type 2.5 Hard Drive Cable	A	11.03.1535 – 50
ROLINE IDC-Adapter for Type 2.5 Hard Disks	B	11.03.1540 – 50



## ROLINE Internal Power Supply Cables

- **11.03.1016:**  
Extension cable from the power supply to the ATX 2.0 motherboard; 24-pin motherboard connector (M/F); length: 0.3 m
- **11.03.1010:**  
Internal power supply cables for an additional type 5.25 or type 3.5 disk drives; Y-model; 4-pin HDD M to 4-pin HDD F / 4-pin FDD F; length: 0.3 m
- **11.03.1005:**  
Internal power supply cables for two additional type 5.25 disk drives; Y-model; 4-pin HDD M to 2x 4-pin HDD F; length: 0.3 m
- **11.03.1003:**  
To expand the 4-pin HDD plug to four 4-pin HDD plugs, angled (90°); length: 2x 0.45 m; distance between 4-pin HDD plug and first angled 4-pin HDD plug: 0.3 m; distance between first angled 4-pin HDD plug and second angled 4-pin HDD plug: 0.15 m
- **11.03.1050:**  
To convert the 4-pin HDD plug to two SATA power connectors; to connect two SATA power devices to one 4-pin HDD plug; length: 2x 0.12 m
- **11.03.1055:**  
Adapter cable for converting the 4-pin HDD interface to the SATA power connector; 4-pin cable, connections: 4-pin HDD plug to 15-pin SATA power connector; length: 0.15 m
- **11.03.1061:**  
Adapter cable for converting the 4-pin HDD interface to the SATA power connector; 4-pin HDD plug to 15-pin SATA power connector; angled (90°); length: 0.1 m
- **11.03.1060:**  
Adapter for converting the 4-pin HDD interface to the SATA power connector
- **11.03.1040:**  
Y-adapter cable for converting the SATA power connector to up to 3 additional 4-pin HDD plugs; 3x 4-pin HDD plug to 1x SATA; length 11.5 cm and 12.5 cm
- **11.03.1041:**  
Y-adapter cable for converting one SATA power connector to up to 3 additional SATA power connectors; 3x SATA M to 1x SATA; length 0.24 m and 0.23 m
- **11.03.1042:**  
Extension cable for a SATA power connection; SATA M to SATA F; length: 0.3 m

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	Order-No. – Packing Unit
ROLINE ATX 2.0 Power Extension Cable, 24-pin	<b>A 11.03.1016 – 50</b>
ROLINE Int. Y-Power Cable, 4-pin HDD to 4-pin HDD + 4-pin FDD	<b>B 11.03.1010 – 100</b>
ROLINE Internal Y-Power Cable, 4-pin HDD to 2x 4-pin HDD	<b>C 11.03.1005 – 100</b>
ROLINE Int. Y-Power Cable, 4-pin HDD to 4x 4-pin HDD (90°)	<b>D 11.03.1003 – 50</b>
ROLINE Internal Y-Power Cable, 4-Pin HDD to 2x SATA	<b>E 11.03.1050 – 50</b>
ROLINE Power Adapter Cable, 4-Pin HDD to SATA	<b>F 11.03.1055 – 50</b>
ROLINE Power Adapter Cable, 4-pin HDD to SATA (90°)	<b>G 11.03.1061 – 25</b>
ROLINE Power Adapter, 4-pin HDD to SATA	<b>H 11.03.1060 – 25</b>
ROLINE Internal Y-Power Cable, SATA to 3x 4-pin HDD	<b>I 11.03.1040 – 25</b>
ROLINE Internal Y-Power Cable, SATA to 3x SATA	<b>J 11.03.1041 – 25</b>
ROLINE SATA Power Extension Cable	<b>K 11.03.1042 – 25</b>

## VALUE/ROLINE Monitor Power Cables

- Monitor power cables with moulded PVC plugs
- Connectors:  
IEC 320-C14 plug to IEC 320-C13 plug
- Nominal data: 250 VAC / 10 A
- E. g. for the power supply of a monitor over the computer or for the extension of a existing cable
- Colour: black

	Order-No. – Packing Unit
VALUE Monitor Power Cable 0.5 m	<b>19.99.1505 – 20</b>
VALUE Monitor Power Cable 1.0 m	<b>19.99.1510 – 20</b>
VALUE Monitor Power Cable 1.8 m	<b>19.99.1515 – 50</b>
VALUE Monitor Power Cable 3 m	<b>19.99.1530 – 50</b>
ROLINE Monitor Power Cable 0.5 m	<b>19.08.1505 – 50</b>
ROLINE Monitor Power Cable 1.0 m	<b>19.08.1510 – 30</b>
ROLINE Monitor Power Cable 1.8 m	<b>19.08.1515 – 50</b>
ROLINE Monitor Power Cable 3 m	<b>19.08.1530 – 50</b>



**Value**

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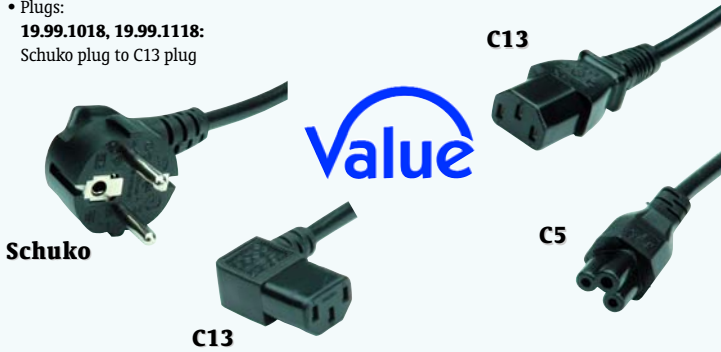
# Computer Cables / Connectors / Adapters

## VALUE Power Cables

Cable with safety plug 90° angled (Schuko plug) and IEC 320-C13 resp. 3-pin notebook plug (Compaq plug IEC 320-C5)

- Plugs: **19.99.1018, 19.99.1118:** Schuko plug to C13 plug

- **19.99.1028:** Schuko plug to C5 plug
- Nominal data: 250V AC/2.5A
- Colour: black



	Order-No.	Packing Unit
VALUE Power Cable, straight IEC Connector	1.8 m <b>19.99.1018</b>	- 50
VALUE Power Cable, angled IEC Connector	1.8 m <b>19.99.1118</b>	- 50
VALUE Power Cable, straight Compaq Connector	1.8 m <b>19.99.1028</b>	- 20

## ROLINE Power Cables

Cable with safety plug 90° angled (Schuko plug) and IEC 320-C13 resp. 3-pin notebook plug (Compaq plug IEC 320-C5)

- Plugs: **19.08.1018, 19.08.1030, 19.08.1118:** Schuko plug to C13 plug

- **19.08.1028:** Schuko plug to C5 plug
- Nominal data: 250V AC/2.5A
- Colour: black



	Order-No.	Packing Unit
ROLINE Power Cable, straight IEC Connector	1.8 m <b>19.08.1018</b>	- 50
ROLINE Power Cable, straight IEC Connector	3.0 m <b>19.08.1030</b>	- 50
ROLINE Power Cable, angled IEC Connector	1.8 m <b>19.08.1118</b>	- 50
ROLINE Power Cable, straight Compaq Connector	1.8 m <b>19.08.1028</b>	- 20

## VALUE / ROLINE Y-Power Cable

Cable with safety plug 90° angled (Schuko plug) and 2x IEC 320-C13 plug straight

- Suitable for PC and monitor power connection
- Connectors: Schuko plug to 2x C13 plug
- Nominal data: 250V AC/10A
- Colour: black



	Order-No.	Packing Unit
VALUE Y-Power Cable, 2x straight IEC Connector	2 m <b>19.99.1022</b>	- 50
ROLINE Y-Power Cable, 2x straight IEC Connector	2 m <b>19.08.1022</b>	- 50

## ROLINE 16 A Power Cables

Cables often used for UPS from 3000 VA and for connecting Blade servers.

- Connection cable 16 A with IEC320 C19 Female and Schuko plug, angled **(A)**
- Extension cable 16 A with IEC320 C19 Female and C20 Male **(B)**
- Cable: H05VV-F 3G1.5 3x 1.5mm<sup>2</sup>
- Nominal data: 250 VAC/16 A
- Colour: black



	Order-No.	Packing Unit
ROLINE Power Cord Schuko, IEC320 - C19 16A	2.0 m <b>19.08.1552</b>	- 14
ROLINE Power Cord Schuko, IEC320 - C19 16A	3.0 m <b>19.08.1553</b>	- 10
ROLINE Power Cord IEC320/C19 - C20 16A	2.0 m <b>19.08.1562</b>	- 14
ROLINE Power Cord IEC320/C19 - C20 16A	3.0 m <b>19.08.1563</b>	- 10

## VALUE/ROLINE Euro Power Cables

- Suitable e.g. for notebook power supply
- Connectors: Europlug to IEC320-C7 plug
- Moulded plugs
- Nominal data: 250 VAC/2.5 A

- Colour: black



	Order-No.	Packing Unit
VALUE Euro Power Cable, 2-pin, black	1.8 m <b>19.99.2096</b>	- 100
ROLINE Euro Power Cable, 2-pin, black	1.8 m <b>19.07.2096</b>	- 100

## ASTA & BS UK Power Cords

- UK Standard Power Cord 5A fused
- Nominal data: 10A / 250VAC

- ASTA approved
- Length: up to 5 m



	Order-No.	Packing Unit
Power Cable, 5A, 2 m, UK	<b>79.08.1512</b>	- 1
Power Cable, 5A, 3 m, UK	<b>79.08.1515</b>	- 1
Power Cable, 5A, 5 m, UK	<b>79.08.1516</b>	- 1
Power Cable, "Figure 8", 2 m, UK	<b>79.08.1511</b>	- 1
Y-Power Cable, 13A - 2 x IEC, 2 m, UK	<b>79.08.1514</b>	- 1
Power Cable for Laptops, 2 m, UK	<b>79.08.1517</b>	- 1

## Telephone Cable

- With 4 coloured lines
- Supplied only as a roll
- Adequate RJ connectors below
- Crimping tools on page 8.04
- Length: 150 m



Telephone Cable, 4-wire, black	150 m	Order-No. – Packing Unit
		<b>11.04.2015 – 6</b>

## Prepared RJ-12 Cable 1:1

- 4-wire flat telephone cable with 6-pole 4-contact RJ-12 (Western) plug
- All pins connected 1: 1
- Colour: white



		Order-No. – Packing Unit
RJ-12 Cable, 6P4C	6 m	<b>11.04.1906 – 10</b>
RJ-12 Cable, 6P4C	15 m	<b>11.04.1915 – 10</b>

## D-SUB Connector Casing

- Suitable for D-Sub plug connectors
- Screwed, stable plastic casing
- Internal strain reduction
- With UN-4-40 locking screws which can't be lost
- Without connector



		Order-No. – Packing Unit
D-Sub Connector Casing 9-pin/HD15		<b>12.01.4005 – 200</b>
D-Sub Connector Casing 15-pin		<b>12.01.4010 – 200</b>
D-Sub Connector Casing 25-pin		<b>12.01.4015 – 200</b>

## ROLINE Modular Connectors RJ-11 / RJ-45

- Different connectors – shielded, unshielded for flat resp. round cables
- **Package unit: 10 pcs., packed in a blister**



		Order-No. – Packing Unit
ROLINE Modular Connector 4-Pos./4-Cont., for Flat Cable, RJ-10, 4P4C, UTP	10 pcs.	<b>12.01.1044 – 150</b>
ROLINE Modular Connector 8-Pos./8-Cont., for Flat Cable, RJ-45, UTP	10 pcs.	<b>12.01.1088 – 100</b>
ROLINE Cat.5e Modular Plug, 8p8c, unshielded, for Stranded Wire	10 pcs.	<b>12.01.1087 – 100</b>
ROLINE Cat.5e Modular Plug, 8p8c, shielded, for Stranded Wire	10 pcs.	<b>12.01.1089 – 100</b>
ROLINE Kink protection hood for RJ-45, grey	10 pcs.	<b>12.01.1085 – 100</b>

## ROLINE Mini Gender Changer

- Connection between two similar connectors
- Low leverage on the computer connector due to compact construction (17 mm long)
- All lines are connected 1:1
- Incl. locking screws

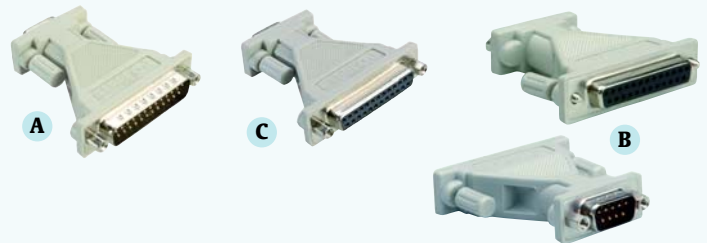
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		Order-No. – Packing Unit
ROLINE Mini Gender Changer, 9-pin M – M		<b>12.03.2025 – 50</b>
ROLINE Mini Gender Changer, 9-pin F – F		<b>12.03.2030 – 50</b>
ROLINE Mini Gender Changer, 15-pin HD M – M		<b>12.03.2016 – 50</b>
ROLINE Mini Gender Changer, 15-pin HD F – F		<b>12.03.2021 – 50</b>
ROLINE Mini Gender Changer, 25-pin M – M		<b>12.03.2005 – 50</b>
ROLINE Mini Gender Changer, 25-pin F – F		<b>12.03.2010 – 50</b>

## RS232 Adapter 9-Pin to 25-Pin

- Serial DB9/DB25 adapter
- With thumbscrews on one side and nuts on the other



9-pole M/F: 1|2|3| 4 |5|6|7|8| 9  
25-pole M/F: 8|3|2|20|7|6|4|5|22

		Order-No. – Packing Unit
RS232 Adapter, DB9 F – DB25 M	<b>A</b>	<b>12.03.6505 – 50</b>
RS232 Adapter, DB9 M – DB25 F	<b>B</b>	<b>12.03.6510 – 50</b>
RS232 Adapter, DB9 M – DB25 M	<b>A</b>	<b>12.03.6515 – 50</b>
RS232 Adapter, DB9 F – DB25 F	<b>C</b>	<b>12.03.6520 – 50</b>

## VALUE PS/2 to USB Adapter

- Only for USB / PS/2 combo mice resp. keyboards
- USB mouse resp. keyboard has to be connected to the adapter and the adapter has to be connected to the PS/2 port of the PC
- Ports: 1x USB Type A F, 1x PS/2 M

**Value**



		Order-No. – Packing Unit
VALUE PS/2 to USB Adapter, Mouse	green (A)	<b>12.99.1072 – 25</b>
VALUE PS/2 to USB Adapter, Keyboard	purple (B)	<b>12.99.1073 – 25</b>

## ROLINE USB „STAR“ Adapter

- Ideal for mobile office users
- Adaption of the USB Type B interface
- Colour: black
- **Input:** USB Type B F
- **Output:** USB Type B M

5-pin Mini M  
Hirose 4-pin M  
Mitsumi 4-pin M



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	Order-No. – Packing Unit
ROLINE USB „STAR“ Adapter	<b>12.03.2940 – 20</b>

# Computer Cables / Connectors / Adapters

## ROLINE USB 2.0 Adapters/Gender Changer

- Compact and small design
- Adaption of frequent USB 2.0 interfaces
- Colour: black



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		Order-No. – Packing Unit
ROLINE USB 2.0 Gender Changer, Type A F/F	A	12.03.2960 – 50
ROLINE USB 2.0 Adapter, Type A F – Type B M	B	12.03.2965 – 50
ROLINE USB 2.0 Adapter, Type A M – 5-pin Mini M	C	12.03.2980 – 50

## ROLINE VGA/DVI/HDMI/DP Adapters

### 12.03.3105

- For connecting a VGA monitor to a DVI graphic card
- Adapter with HD15 Female and DVI-A Male

### 12.03.3110

- For connecting a DVI monitor to a VGA graphic card
- Adapter with HD15 Male and DVI-A Female

### 12.03.3115:

- For connecting a DVI cable to a HDMI interface
- Adapter with HDMI Male and 24+1 DVI Female (DVI-D)

### 12.03.3116:

- For connecting a HDMI cable to a DVI interface
- Adapter with 24+1 DVI Female (DVI-D) and HDMI Male

### 12.03.3120:

- For combination of a HDMI cable and a device with HDMI-Mini connection
- Adapter with HDMI Female and HDMI-Mini Male

### 12.03.3124:

- For combination of a VGA cable and a source device with DisplayPort connection
- Adapter with DisplayPort Male and HD15 Female, cable length ca. 10 cm

### 12.03.3126:

- For combination of a DVI cable and a source device with DisplayPort connection
- Adapter with DisplayPort Male and 24+1 DVI-D Female

### 12.03.3127:

- For combination of a HDMI cable and a source device with DisplayPort connection
- Adapter with DisplayPort Male and HDMI Female

### 12.03.3125:

- For combination of a VGA cable and a source device with Mini DisplayPort connection
- Adapter with Mini DisplayPort Male and HD15 Female, cable length ca. 10 cm

### 12.03.3128:

- For connecting a graphic card with Mini DisplayPort connector to a DVI monitor by using a DVI M-M cable
- Adapter with Mini DisplayPort Male and DVI Female, cable length ca. 10 cm

### 12.03.3129:

- For connecting a graphic card with Mini DisplayPort connector to a HDMI monitor by using a HDMI M-M cable
- Adapter with Mini DisplayPort Male and HDMI Female, cable length ca. 10 cm

### 12.03.3130:

- If you want to connect e.g. your notebook with Mini DP port to a monitor with DP port by using a regular DP cable, you need this adapter
- Adapter with DisplayPort Female and Mini DisplayPort Male

### 12.03.3131:

- Adapter with DisplayPort Male and Mini DisplayPort Female

**Note:** The DisplayPort adapters are only working in one direction: the DisplayPort plug has to be connected to the source device (e. g. graphic card).

		Order-No. – Packing Unit
ROLINE DVI-VGA Adapter, DVI M – HD15 F	A	12.03.3105 – 50
ROLINE DVI-VGA Adapter, DVI F – HD15 M	B	12.03.3110 – 50
ROLINE HDMI-DVI Adapter, HDMI M – DVI F	C	12.03.3115 – 50
ROLINE DVI-HDMI Adapter, DVI M – HDMI F	D	12.03.3116 – 50
ROLINE HDMI Adapter, HDMI F – HDMI Mini M	E	12.03.3120 – 25
ROLINE DisplayPort-VGA Adapter, DP M – VGA F	F	12.03.3124 – 10
ROLINE DisplayPort-DVI Adapter, DP M – DVI F	G	12.03.3126 – 20
ROLINE DisplayPort-HDMI Adapter, DP M – HDMI F	H	12.03.3127 – 20
ROLINE Mini DisplayPort-VGA Adapter, Mini DP M – VGA F	I	12.03.3125 – 10
ROLINE Mini DisplayPort-DVI Adapter, MiniDP M – DVI F	J	12.03.3128 – 10
ROLINE Mini DisplayPort-HDMI Adapter, MiniDP M – HDMI F	K	12.03.3129 – 10
ROLINE DisplayPort Adapter, DP F – Mini DP M	L	12.03.3130 – 20
ROLINE DisplayPort Adapter, DP M – Mini DP F	M	12.03.3131 – 20

## ROLINE USB 3.0 Adapters

- Compact and small design
- Adaption of frequent USB 3.0 interfaces
- Colour: Black



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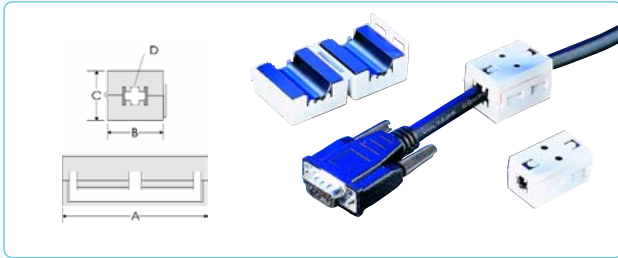
		Order-No. – Packing Unit
ROLINE USB 3.0 Adapter, Type A F to Type A F	A	12.03.2991 – 20
ROLINE USB 3.0 Adapter, Type A F to Type B M	B	12.03.2992 – 20
ROLINE USB 3.0 Adapter, Type A F to Micro B M	C	12.03.2993 – 20
ROLINE USB 3.0 Adapter, Type B F to Type Micro B M	D	12.03.2994 – 20



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## EMC Ferrite Cores

- For interference suppression on data lines
- Protected against damage
- For PC and peripherals
- The casing clamps securely on the cable
- Simple subsequent assembly
- Universal application
- Split conduit cores
- Casing UL 94-V-0
- Nylon clip casing



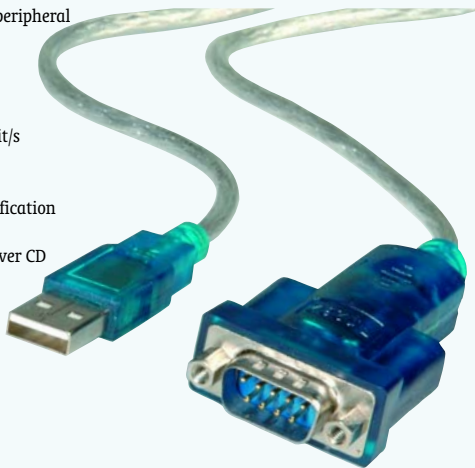
Model	Dimensions in mm				Impedance (Ohm)		Frequency
	A	B	C	D	25MHz	100MHz	Range
Filter-ferrite-6.5	32.0	19.5	19.0	6.5	125	275	300MHz
Filter-ferrite-10	32.0	24.5	23.0	10.0	130	290	300MHz

**Should not be mounted on the cable any further away than 10 cm from the plug!**

	Order-No. - Packing Unit
Filter Ferrite - 6.5 mm	<b>11.05.1006 - 200</b>
Filter Ferrite - 10 mm	<b>11.05.1010 - 190</b>

## VALUE Converter Cable USB to Serial

- Quick and easy connection of peripheral devices with serial interface (e.g. modems, digital cameras, printers) to the USB port of a computer
- Data transfer rate of over 1Mbit/s
- Connections: 1x USB Type A, 1x DB 9-pin connector
- Equivalent to the USB 1.1 specification
- **Contents:** Converter cable, driver CD



	Order-No. - Packing Unit
VALUE Converter Cable USB to Serial	1.8 m <b>12.99.1085 - 20</b>

## ROLINE Converter Cable USB to Serial

- With this converter you can easily connect peripheral devices, such as analogue and ISDN modems, digital cameras and handheld computers, which have a serial interface to an USB environment
- Easy installation
  - True plug & play
  - Supports automatic handshake mode
  - Supports remote wake up and power management

- Needs no interrupt (IRQ)
- Length: 0.3 m
- Supported operating systems: Windows 98SE/ME/2000/XP/7
- **Contents:** Converter cable, driver CD, manual

**Connection:** 1x USB Type A Male  
1x DB9 Male

	Order-No. - Packing Unit
ROLINE Converter Cable USB to Serial	0.3 m <b>12.02.1089 - 20</b>

## VALUE Notebook Travel Kit

Large travel kit for notebook users, packed in a handy bag for easy carrying and storage purposes.

- Contents:**
- Numeric keypad with retractable USB cable
  - Slimline USB Hub, 4 ports
  - USB 2.0 card reader (SM/SD/MMC/MS/MSPRO/CF/MD)

- Mini mouse, optical, with retractable USB cable
- Earphone/microphone with retractable cable
- Mini USB lamp
- USB extension cable, Type A M to Type A F, retractable
- RJ-45 cable, retractable
- USB adapter, USB Type A M to 5-pin Mini
- USB adapter, USB Type A M to PS/2 F

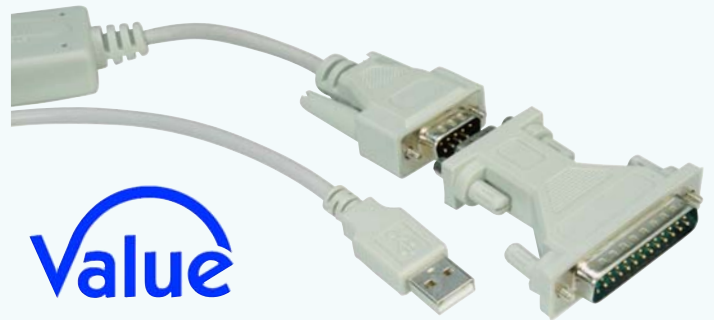


	Order-No. - Packing Unit
VALUE Notebook Travel Kit	<b>29.99.0138 - 10</b>

## VALUE Converter Cable USB to Serial

- Quick solution for the use of peripheral devices with serial interfaces (e.g. modems, digital cameras, printers) with notebooks or computers with USB interface
- Data transfer rate of over 1Mbit/s
- Connections: 1x USB Type A, 1x DB 9-pin connector

- Equivalent to the USB 1.1 specification
- Length: 1.8 m
- **Contents:** Converter cable, adapter DB9 F-DB25 M, driver CD



	Order-No. - Packing Unit
VALUE Converter Cable USB to Serial	1.8 m <b>12.99.1086 - 20</b>

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# Computer Cables / Connectors / Adapters

## ROLINE Converter Cable USB to RS-232 + DB25

- Ideal for notebooks that nowadays only offer USB interfaces
- To connect one **serial** device (e. g. modem) and one **parallel** device (e. g. printer) to the USB port of a PC or notebook
- No external power supply needed
- Supported operating systems: Windows 2000/XP/Vista/7
- **Contents:** Converter, driver CD, manual



**Technical data:**  
 PC connection: 1x USB Type A  
 Serial port: 1x RS232 (DB9) M  
 Parallel port : 1x DB25 F  
 Length: 1.8 m  
 Dimensions (LxHxD): 45 x 22 x75 mm

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**Order-No.** – Packing Unit

ROLINE Converter Cable USB to RS232+DB25

**12.02.1049** – 20

## ROLINE USB to 2x RS-232 Converter

- Converts one PC USB Port into two serial ports
- To connect two **serial** devices (e. g. modem) with the USB port of a PC or notebook
- Ideal for notebook users
- Supports data transfer rates of up to 1Mbit/s
- No external power supply is needed
- Supported operating systems: Windows 2000/XP/Vista/7
- **Contents:** Converter, driver CD, manual



**Technical Data:**  
 PC connection: 1x USB Type A  
 Serial ports: 2x RS232 (DB9) M  
 Length: 1.8 m  
 Dimensions (LxHxD): 45 x 22 x 75 mm

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**Order-No.** – Packing Unit

ROLINE USB to 2x RS232 Converter

**12.02.1048** – 20

## VALUE USB to 4x Serial Converter

This USB to Serial converter is the ideal solution for various industrial communication and automation applications.

- Connect up to four serial devices (e. g. modem) over the USB port of your PC or notebook
- Supports USB 1.1 full speed and is USB 2.0 compatible
- Each serial port offers a data transfer rate of up to 115 Kbit/s
- Supports power management function
- Supports hot-swapping and plug & play
- Dual data buffers for upstream and downstream data flow

- Supports Windows 2000/XP/Vista/7
- **Contents:** Converter, USB cable (1.5 m), driver CD, manual

**value**



**Technical data:**  
 PC connection: 1x USB Type B  
 Serial ports: 4x RS-232 (DB9) M  
 Dimensions (LxDxH): 177 x 62 x 22 mm

**Order-No.** – Packing Unit

VALUE USB to 4x Serial Converter

**12.99.1046** – 10

## ROLINE USB 2.0 to RS-232 Adapter, for DIN Rail

Converter to connect serial devices to a USB port on your PC

- Mode: Asynchronous serial communication
- Compatible with USB 2.0, USB 1.1, USB 1.0
- Data transfer rate of up to 115.2 Kbit/s
- Signals: TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI, GND
- 15 KV ESD protection for all RS-232 ports
- Connectors: 1x/2x/4x DB9 Male, 1x Mini USB type B
- Status LEDs

- For DIN rail mounting
- Power supply over Mini USB type B connector (40 mA)
- Windows 98SE/ME/2000/Server 2003/XP/Server 2008/XP/Vista/7
- **Contents:** Converter, USB cable, driver CD, manual

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**Order-No.** – Packing Unit

ROLINE USB 2.0 to RS232 Adapter, for DIN Rail

1 Port **12.02.1001** – 4

ROLINE USB 2.0 to RS232 Adapter, for DIN Rail

2 Ports **12.02.1002** – 4

ROLINE USB 2.0 to RS232 Adapter, for DIN Rail

4 Ports **12.02.1003** – 4

## ROLINE USB 2.0 to RS-422/485 Adapter, with Isolation, for DIN Rail

- Converter to connect serial devices to a USB port on your PC
- Mode: Asynchronous serial communication
- Compatible with USB 2.0, USB 1.1, USB 1.0
- Isolation 3000 VDC (optical)
- Connectors: 5-pin terminal block, 1x Mini USB type B
- Data transfer rate of up to 115 Kbit/s
- Terminal resistance and Echo mode
- DIP switches for terminal settings
- Signals: TX+, TX-, RX+, RX-, SGND
- Protection: 15 KV ESD protection for all signals, RS-422/485 signals surge protection

- Status LEDs
- For DIN rail mounting
- Power supply over Mini USB type B connector (54 mA)
- Windows 98SE/ME/2000/Server 2003/XP/Server 2008/XP/Vista/7
- **Contents:** Converter, USB cable, driver CD, manual

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**Order-No.** – Packing Unit

ROLINE Adapter USB 2.0 to RS422/485, with Isolation, for DIN Rail

**12.02.1004** – 4



## VALUE USB to RS-485 Converter



- This converter provides an extra Serial Com port via USB connection
- To connect serial devices (e.g. modem) to one USB port
  - Can be configured to work with RS-485 peripherals
  - Full compliance with the USB specification 1.1
  - Supports data transfer rates of up to 3 Mbit/s
  - USB bus powered – no external power supply is needed
  - Plug & play
  - Supports Windows 98SE/ME/2000/XP/Vista/7
- **Contents:** Converter, driver CD, manual



VALUE USB to RS-485 Converter **Order-No. – Packing Unit**  
**12.99.1074 – 25**

## Converter Cable Parallel to USB



- To connect a printer with USB port to a PC with parallel interface (IEEE1284)
- Easy to install
- Power supplied by external power supply unit that is fixed to the converter
- Connection PC: parallel interface (IEEE1284) DB25 F
- Connection printer: USB type B
- Length: 1.8 m
- Colour: black
- **Contents:** Converter cable, moulded power supply

Converter Cable Parallel to USB **Order-No. – Packing Unit**  
 1.8 m **12.02.1074 – 1**

## VALUE USB to IEEE1284 Converter Cable

- To connect a printer with parallel interface (IEEE1284) to a PC with USB port
- Easy to install
- Power supplied by USB interface
- Connector: Centronics 36-pole Male/USB Type A Male

- Length: 1.8 m
- Colour: turquoise (semi translucent)
- **Contents:** Converter cable, driver CD, manual



VALUE USB to IEEE1284 Converter Cable **Order-No. – Packing Unit**  
 1.8 m **12.99.1079 – 20**

## ROLINE USB to IEEE1284 Converter Cable



- For the connection of a printer with parallel port (IEEE 1284) to a PC with USB port
- USB specification revision 1.1 compliant
- Truly bi-directional communication between PC and printer
- Connection PC: USB type A Male
- Connection printer: Centronics 36-pole Male
- Bus powered
- Length: 1.8 m
- Colour: black
- Supported operating systems: Windows 2000/XP/Vista/7, Mac OS X
- **Contents:** Converter cable, driver CD, manual



ROLINE USB to IEEE1284 Converter, C36 **Order-No. – Packing Unit**  
 1.8 m **12.02.1073 – 10**

## VALUE USB to 2x PS/2 Converter

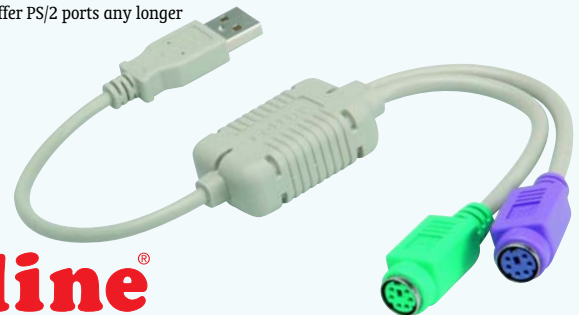
- Ideal for the use with actual notebooks, which do not offer PS/2 ports any longer
- The converter offers two additional PS/2 ports e.g to connect keyboard and mouse
- Compact converter for the connection to the USB interface of a notebook or PC
- Power over USB interface
- Connection: 1x USB Type A Male, 2x PS/2 F



VALUE USB to 2x PS/2 Adapter Cable **Order-No. – Packing Unit**  
**12.99.1075 – 50**

## ROLINE USB to 2x PS/2 Converter

- Compact converter for the connection to the USB interface of a notebook or PC
- Offers two additional PS/2 ports e.g to connect keyboard and mouse
- Ideal for the use with actual notebooks, which do not offer PS/2 ports any longer
- Power supplied by USB interface
- Connection: 1x USB Type A Male, 2x PS/2 F



ROLINE USB to 2x PS/2 Adapter Cable **Order-No. – Packing Unit**  
**12.02.1076 – 50**

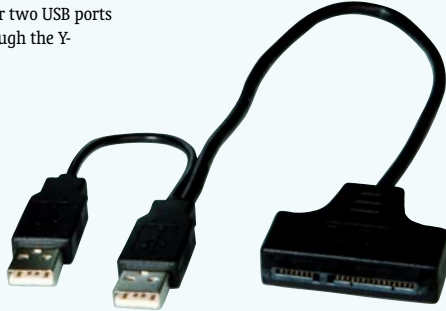
# Computer Cables / Connectors / Adapters

## VALUE USB 2.0 to Type 2.5 SATA Adapter Set

This adapter allows the external connection of an internal type 2.5 SATA HDD to two USB ports of your PC or notebook.

- Supports Serial ATA type 2.5 HDDs
- Connection to PC or notebook over USB 2.0
- HDDs with internal SATA connector (L-type) can be connected with enclosed Y-adapter cable
- Converter connections: 2x USB type A Male (to PC or notebook); 1x SATA Male (to HDD)
- Power of HDD is supplied over two USB ports from the PC or notebook through the Y-adapter cable

- HDD protecting sleeve for anti vibration and shock absorbing of the HDD is enclosed the content of delivery
- Supported operating systems: Windows 98SE/ME/2000/XP/Vista/7
- **Contents:** Y-adapter cable (26.5 cm and 9 cm), HDD protecting sleeve



**Order-No.** – Packing Unit  
**12.99.1058** – 10

VALUE USB 2.0 to Type 2.5 SATA Adapter Set

## ROLINE USB 2.0 to SATA/IDE Converter

- Allows IDE and SATA devices to be connected simultaneously to one USB port
- For hard disk drives, CD-ROM, CD-RW, DVD-ROM, DVD-RW
- Connector computer side: USB 2.0
- Connector device side: IDC 40-pin Male, IDC 44-pin Male, SATA
- USB 2.0 and USB 1.1/1.0 compliant
- Supports ATA/ATAPI-6 spec. 1.0 and SATA 1.5 Gbit/s (SATA I) or SATA 3.0 Gbit/s (SATA II)

- Supports data transfer rates of up to 480 Mbit/s
- Hot plug & play
- Supports Windows 98SE/ME/2000/XP/7

• **Contents:** Adapter, power supply with IDE and SATA power adapter, power cord, SATA cable, driver CD, manual



**Order-No.** – Packing Unit  
**12.02.1057** – 20

ROLINE USB 2.0 to SATA/IDE Converter

## VALUE USB 3.0 to eSATA 3.0 Gbit/s Adapter

- Easy way to connect a SATA 3.0 Gbit/s hard disk to a computer or notebook over a USB 3.0 (SuperSpeed USB) port
- Suitable for type 2.5/3.5 SATA HDD/SSD and 5.25 SATA devices
- Supports transfer rates of up to 5.0 Gbit/s
- Connection computer: USB 3.0
- Connection HDD: eSATA
- Hot swappable, plug and play
- Length USB cable: 30 cm

- Note: Depending on the connected HDD an external power supply is needed (not included in delivery)
- Supports Windows 98SE/ME/2000/XP/Vista/7
- **Contents:** Adapter, manual



**Order-No.** – Packing Unit  
**12.99.1047** – 20

VALUE USB 3.0 to eSATA 3.0 Gbit/s Adapter

## ROLINE USB 3.0 to SATA 3.0 Gbit/s Adapter

- Easy way to connect a SATA 3.0 Gbit/s hard disk to a computer or notebook over a USB 3.0 (SuperSpeed USB) port
- Suitable for type 2.5/3.5 SATA HDD/SSD and 5.25 SATA devices
- Supports transfer rates of up to 5.0 Gbit/s
- Connection computer: USB 3.0
- Connection HDD: SATA

- Bus-power for type 2.5 SATA HDDs; Power adapter for type 3.5/5.25 SATA devices
- Length USB cable: 90 cm
- Supports Windows 98SE/ME/2000/XP/Vista/7
- **Contents:** Adapter, power supply, manual



**Order-No.** – Packing Unit  
**12.02.1047** – 20

ROLINE USB 3.0 to SATA 3.0 Gbit/s Adapter

## VALUE USB 3.0 to SATA 6.0 Gbit/s Adapter

- Easy way to connect a SATA 6.0 Gbit/s hard disk to a computer or notebook over a Super-Speed USB 3.0 port
- Suitable for type 2.5/3.5 Serial ATA HDD/SSD
- Compliant with USB 3.0, USB 2.0, USB 1.1
- Compliant with SATA 6.0 Gbit/s, SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supports transfer rates of up to 5.0 Gbit/s
- Connection to computer: USB 3.0
- Connection to HDD: 15-pin SATA power + 7-pin SATA data
- Hot-swappable, plug & play
- Length USB cable: 1.20 m

- Power supply included
- Supported Operating Systems: 2000/XP/Vista/7
- **Contents:** Adapter, power supply, manual



**Order-No.** – Packing Unit  
**12.99.1049** – 10

VALUE USB 3.0 to SATA 6.0 Gbit/s Adapter

## VALUE USB Display Adapter, USB to DVI/VGA

This USB to DVI/VGA adapter allows you to connect an extra monitor to your desktop or notebook computer via USB port. Supports a max. resolution of up to 1920 x 1080 regardless your computer's display card resolution. The connected monitor can be configured to either primary screen, mirror or extend the Windows desktop which includes the visibility of more applications at the same time. The adapter is a great choice for your multi-display application.

- Connectors: USB type A male (built in USB cable, 90 cm); DVI-I (DVI to VGA adapter for VGA connection included)
- Supports KVM switch and USB hub connection. Plug & play.
- No external power supply needed
- Supported Operations Systems: Windows XP/Vista/7
- **Contents:** USB Display Adapter, DVI to VGA converter, driver CD, manual



VALUE USB Display Adapter, USB to DVI/VGA **Order-No. – Packing Unit**  
**12.99.1068 – 5**

- Easily connect an additional monitor via USB 2.0 port to your computer or notebook
- USB 2.0 specification compliant
- Supports nominal resolution of up to 1920 x 1080
- Mirror, Extend and Primary a computer display workspace (supports rotation function control)

## VALUE USB Display Adapter, USB to HDMI

This adapter allows you to connect an extra HDTV/monitor to your computer or notebook via USB port. The connected TV/monitor can be configured to either primary screen, mirror or extend the Windows desktop, allowing the visibility of more applications at the same time.

- Supports KVM switch and USB hub connection
- Plug & play
- No external power supply needed
- Dimensions: 109 x 52 x 18.5 mm
- Supported Operations Systems: Windows XP/Vista/7

- Mirror, Extend and Primary a computer display workspace (supports rotation function control: normal/left/right/upside-down)
- USB 2.0 compliant
- Supports nominal resolution of up to 1920 x 1080
- Up to 6 adapters can work simultaneously

**Connections:**  
Side 1 (PC): USB 2.0 5-pin Mini  
Side 2 (peripheral device): HDMI



VALUE USB Display Adapter, USB to HDMI **Order-No. – Packing Unit**  
**12.99.1069 – 5**

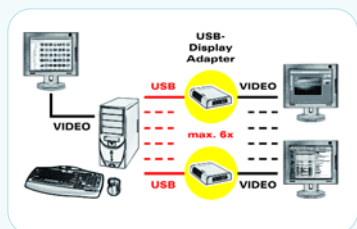
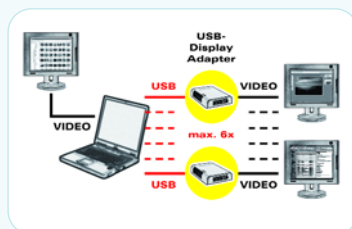
## ROLINE USB Display Adapters, USB to DVI/VGA

The ROLINE USB display adapters allow the quick and easy connection of additional monitors to a notebook or computer. They convert a USB port to a full-fledged VGA, DVI or HDMI graphic adapter. The additional screen can either be used to extend the desktop of an existing monitor, or be used independently for other programs and graphic content.

- Supported modes: Mirrored Desktop, Extended Desktop, Primary Display
- Plug & play, easy installation and use
- Hot-pluggable – add or remove monitor without system reboot
- Supports Windows 2000/XP/Vista/7
- **Contents:** USB Display Adapter, USB cable, driver CD, manual

- Enlarges the area of screen and allows you to have more convenience for windows operation
- Max. resolution (nominal): 1920 x 1080 (12.02.1051) resp. 2048 x 1152 (12.02.1052)

**Connections:**  
Side 1 (PC): USB 5-pin Mini  
Side 2 (peripheral device): DVI-I resp. VGA with included adapter



ROLINE USB Display Adapter, USB – DVI/VGA **Order-No. – Packing Unit**  
**12.02.1051 – 5**  
ROLINE USB Display Adapter, USB – DVI/VGA high resolution **12.02.1052 – 5**

## ROLINE USB Display Adapter, USB to HDMI

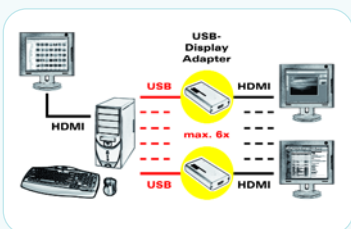
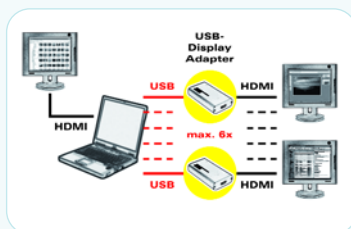
This converter enables you to connect one more (up to 6 simultaneous) monitor, LCD or projector to a USB-enabled PC or notebook. From now on, you don't need to squat down and open the complicated PC chassis just for adding a video card. The most obvious benefit is that you get more desktop area to have more applications visible at one time. Or you may span an application, e. g. spreadsheets, across two displays. System performance is an important issue when using multiple monitors: This adapter uses little computer resources, ensuring users to get a quality display without affecting computer performance.

- Supported functions: Primary, Extended, Mirror, Rotate (90°, 180°, 270°)
- Resumes from hibernation and suspend mode
- Supported resolutions (nominal): up to 1680 x 1050
- Plug & play
- Color: black
- Supported operating systems: Windows 2000/XP/Vista/7

- **Contents:** USB Display Adapter, USB cable (90 cm), driver CD, manual

- Add on monitor, LCD or projector through a single USB 2.0 port
- Connectivity: Quickly add up to six displays to a desktop or notebook

**Connections:**  
PC connection: USB 5-pin Mini M  
Video connection: HDMI



ROLINE USB Display Adapter, USB – HDMI high resolution **Order-No. – Packing Unit**  
**12.02.1036 – 5**



# Computer Cables / Connectors / Adapters

## VALUE DVI Display over Ethernet Adapter

Extend or mirror video through a network to a DVI display. Share a DVI display or projector with multiple users through your existing office or home IP network

- Add a DVI display to your computer or notebook through ethernet or USB 2.0
- Connectors: USB mini Type B, RJ-45 (10/100 Mbit/s), DVI-I (digital & analog)
- Control up to six DVI displays from a single computer
- Mirror or extend desktop

- Resolution: up to 1920 x 1080, including 1680x1050 and 1600x1200
- Status LEDs
- Supported Operating Systems: Windows 2000/XP/Vista/7
- **Contents:** Display over ethernet adapter, power supply, USB cable, driver CD, manual

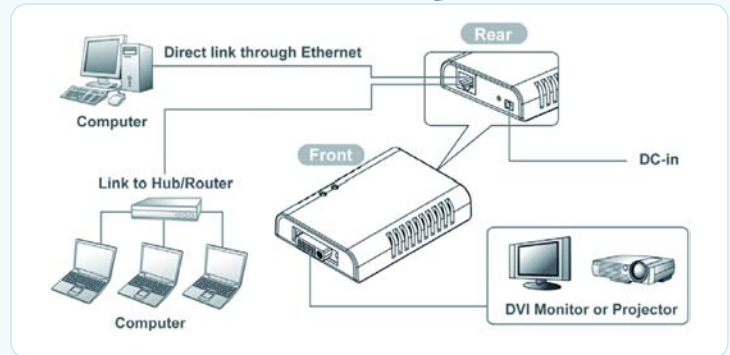
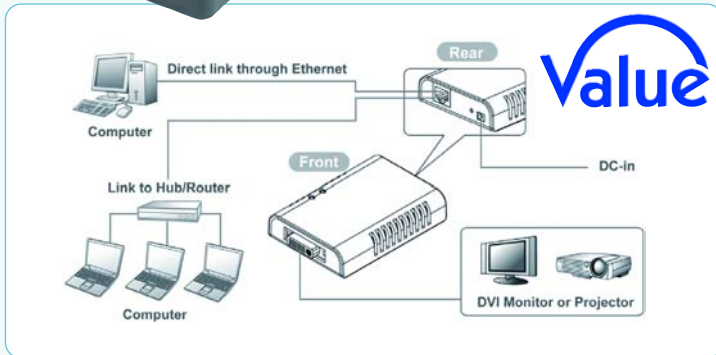


## ROLINE DVI Display over Ethernet Adapter

- Enables you to connect one more DVI monitor or projector to a computer over the ethernet
- E.g. for video share through the ethernet
- Software for administration of the adapter for clone-mode or as an additional monitor
- Max. resolution (nominal): 1280 x 1024 / 60Hz

- Connectors: 1x RJ-45, 1x DVI-I
- Transfer distance up to 100 m
- Supports Windows XP/Vista/7
- **Contents:** Remote unit, power supply, software

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VALUE DVI Display over Ethernet Adapter

**Order-No. – Packing Unit**  
**14.99.3406 – 2**

ROLINE DVI Display over Ethernet Adapter

**Order-No. – Packing Unit**  
**14.01.3403 – 2**

## ROLINE Audio/Video over Gigabit Ethernet Adapter, DVI

This adapter offers the possibility to easily connect another DVI monitor or a projector to a computer/notebook over ethernet.

The functionality is similar to the KVM mode: The local computer/notebook can control the monitor that is connected to the A/V over gigabit ethernet adapter on the remote site. On the other hand the local computer/notebook can be accessed and controlled remotely from the A/V Gigabit Ethernet Adapter over a connected USB keyboard and mouse. It's a bi-directional adapter.

- Video applications on LCD monitor or projector shared through gigabit ethernet port
- Compatible with gigabit ethernet specification

- Compliant with USB 2.0/1.1
- Max. resolution (nominal): 1920 x 1080
- Input: 1x gigabit ethernet interface; Output: 1x DVI, 1x Audio, 2x USB 2.0 (keyboard, mouse)
- 2 LEDs for LAN power status
- Plug & play
- Powered by external power supply (5V, 2.5A)
- Software for Windows XP/Vista/7

## ROLINE Audio/Video over Gigabit Ethernet Adapter, HDMI

This adapter offers the possibility to easily connect another monitor or a projector to a computer/notebook over ethernet.

The functionality is similar to the KVM mode: The local computer/notebook can control the monitor that is connected to the A/V over gigabit ethernet adapter on the remote site. On the other hand the local computer/notebook can be accessed and controlled remotely from the A/V gigabit ethernet Adapter over a connected USB keyboard and mouse. It's a bi-directional adapter.

- Video applications on LCD monitor or projector shared through gigabit ethernet port

- Compatible with gigabit ethernet specification
- Compliant with USB 2.0/1.1
- Max. resolution (nominal): 1920 x 1080
- Input: 1x gigabit ethernet interface; Output: 1x HDMI, 1x Audio, 2x USB 2.0 (keyboard, mouse)
- 2 LEDs for LAN power status
- Plug & play
- Powered by external power supply (5V, 2.5A)
- Software for Windows XP/Vista/7
- **Contents:** A/V over gigabit ethernet adapter, power supply, driver CD

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ROLINE Audio/Video over Gigabit Ethernet Adapter, DVI

**Order-No. – Packing Unit**  
**14.01.3380 – 5**

ROLINE Audio/Video over Gigabit Ethernet Adapter, HDMI

**Order-No. – Packing Unit**  
**14.01.3375 – 5**

## VALUE RS232 Extender over TP

- Offers the possibility to extend your RS232 Ports over twisted pair, up to 1000 m
- Sends RS-232 signals with a data transfer rate of 230kbit/s
- Durable metal casing
- Supports Full-Duplex data transfer
- Hardware solution, no compatibility problems

- **Contents:** Set of local and remote unit, 2x power supply (9V DC, 300mA), Null-Modem cable DB9 M-M (20 cm), manual



### Technical Data:

RS232 connection:	1x DB9 F
TP-Port:	1x RJ-45
Casing :	metal
Dimension (LxWxH):	92 x 34 x 22 mm

VALUE RS232 Extender over TP	<b>Order-No. – Packing Unit</b> <b>14.99.3456 – 10</b>
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## Converter RS232 to RS485, Bi-Directional

- Point to point or multiple connection possible (simultaneous monitoring of several devices)
- DCE/DTE adjustable
- Full duplex transfer over 4 lines
- Only the data lines are converted
- 25-pin socket on the RS232 side
- Power supply via supplied mains adapter

- Robust plastic casing
- **Contents:** Converter, main adapter



### Technical Data:

RS232 connection:	D-Sub 25-pin F
RS485 connection:	Terminal Block (4 clamps)
Data transfer-rate:	up to ca. 100 Kbps
Transfer distance:	up to ca. 1km
Power supply:	DC 9V, 200mA
Weight:	60g
Dimensions (WxDxH):	74.5 x 54 x 18.5 mm

Converter RS232-RS485, without Galvanic Isolation	<b>Order-No. – Packing Unit</b> <b>12.02.1028 – 20</b>
Converter RS232-RS485, without Galvanic Isolation, UK Type	<b>14.01.9802 – 20</b>
Converter RS232-RS485, with Galvanic Isolation	<b>12.02.1029 – 10</b>
Converter RS232-RS485, with Galvanic Isolation, UK Type	<b>14.01.9803 – 10</b>

## ROLINE RS232 over Ethernet Adapter

This adapter easily allows to connect a current RS-232 serial device to a 10/100 LAN over ethernet connection. It provides a quick, simple and cost-effective way to access, manage and configure RS-232 devices and equipment over the internet from anywhere in the world or over the house internal IP LAN.

- Ethernet: 10/100 Mbit/s, Auto-select 10BaseT or 100BaseTX
- Cable length: 30 cm

- **Contents:** Adapter (DB-9 male, RJ-45 female), power supply (5 V DC, 1 A), driver CD, manual

- Expands one RS-232 serial port on system via ethernet connection



ROLINE RS232 over Ethernet Adapter	<b>Order-No. – Packing Unit</b> <b>15.06.0015 – 10</b>
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## ROLINE Adapters RS-232 to RS-422/485, with Isolation, for DIN Rail

- Converts RS-232 signals to RS-422 or RS-485
- **12.02.1006:** RS-232 and RS-422/485 can have a different baud rate
- Fully compliant with PC serial COM ports
- Isolation 3000 VDC (optical)
- Connectors: RS-232: DB9 Female, RS-422/485: 7-pin terminal block
- Auto toggling by hardware
- Data transfer rate of up to 115.2 Kbit/s
- Terminal resistance and Echo mode
- DIP switches for terminal settings

- Signals: TXD, RXD, RTS, CTS, GND for RS-232
- Protection: 15 KV ESD protection for all signals, RS-422/485 signals surge protection
- Status LEDs
- For DIN rail mounting
- DC power supply 10~30 V (built-in surge protector)
- Hardware solution, no software required

- **Contents:** Converter, manual

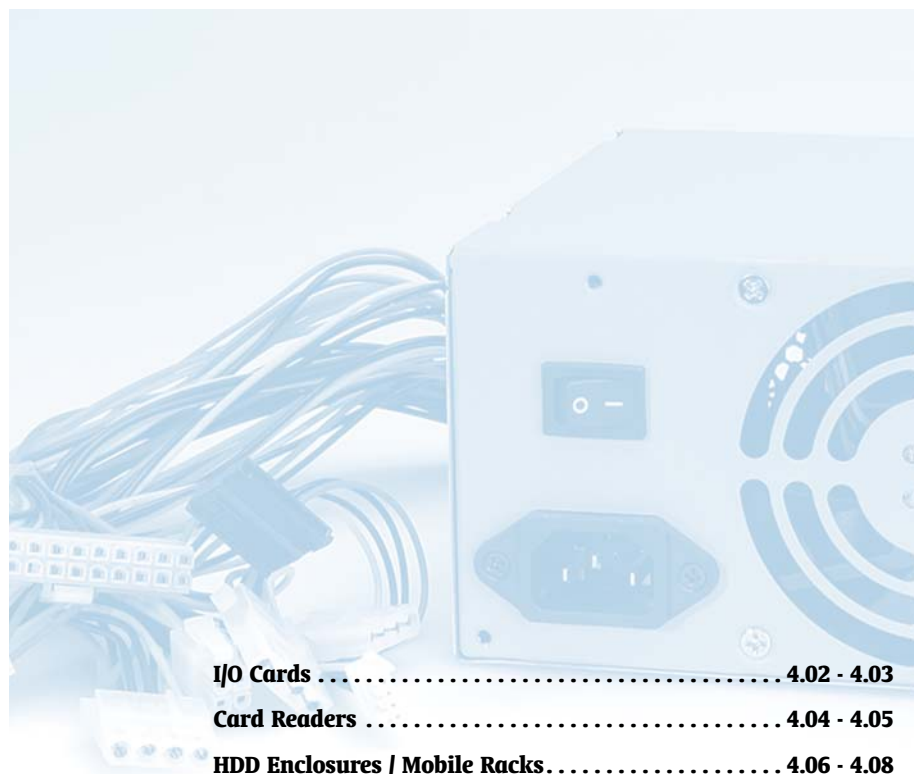


ROLINE Converter RS232 to RS422/485, with Isolation, for DIN Rail	<b>Order-No. – Packing Unit</b> <b>12.02.1005 – 4</b>
ROLINE Converter RS-232 to RS-422/485, with Isolation, for DIN Rail, Professional	<b>12.02.1006 – 4</b>

# Peripheral Devices



4



<b>I/O Cards</b> .....	<b>4.02 - 4.03</b>
<b>Card Readers</b> .....	<b>4.04 - 4.05</b>
<b>HDD Enclosures / Mobile Racks</b> .....	<b>4.06 - 4.08</b>
<b>PC Power Supplies</b> .....	<b>4.09</b>
<b>Coolers / Fans</b> .....	<b>4.09</b>
<b>Keypad / Keyboard</b> .....	<b>4.09</b>
<b>Mounting Material</b> .....	<b>4.09</b>
<b>Mouses</b> .....	<b>4.10</b>
<b>Presenters</b> .....	<b>4.10</b>



### VALUE I/O Cards

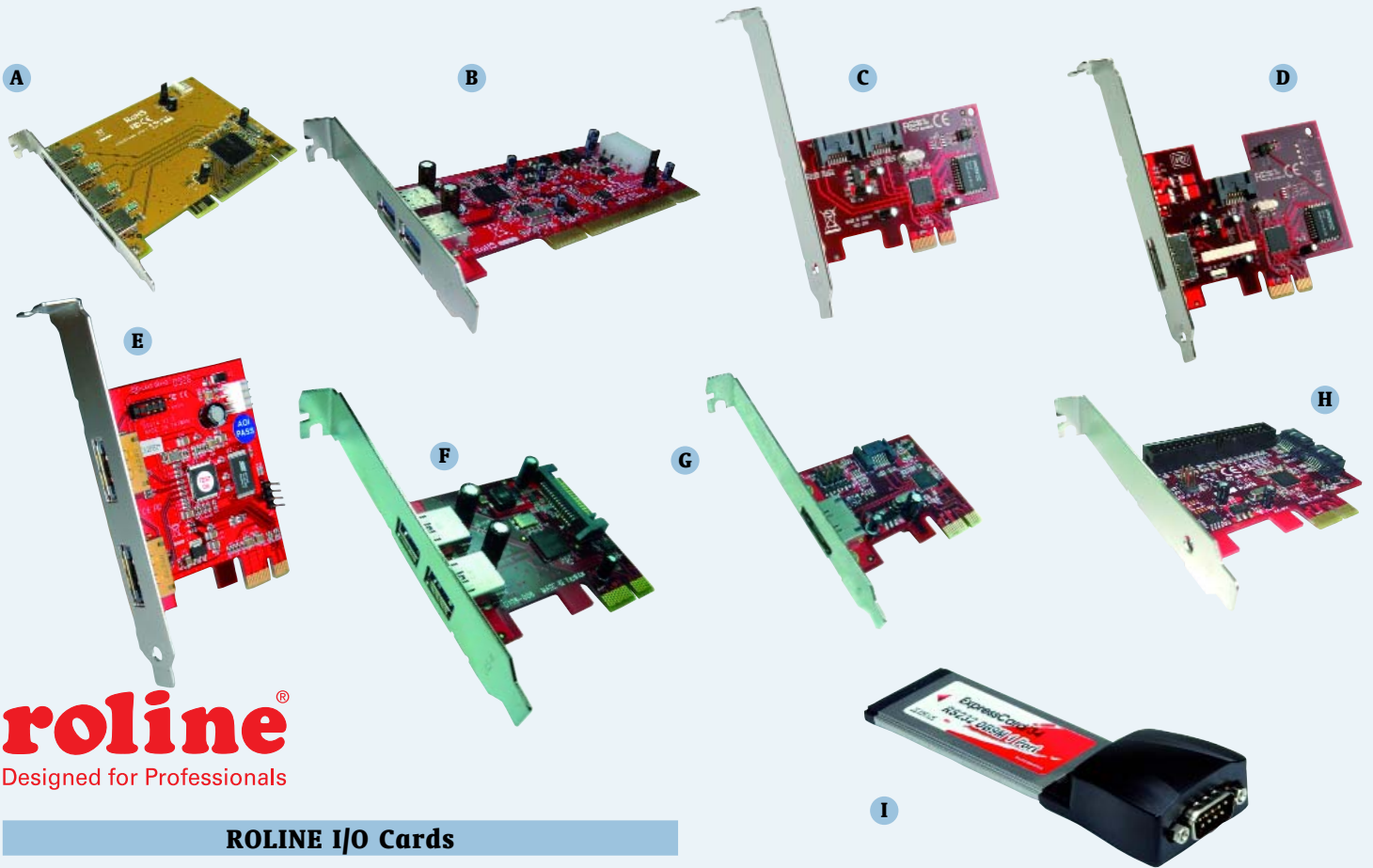
Upgrade your PC with additional interfaces like e.g. USB 2.0, USB 3.0, FireWire (IEEE 1394), Serial ATA and EPP/ECP parallel resp. RS232 serial ports.

- PCI adapters
- PCI-Express adapters
- ExpressCard/34/54 adapters
- **Contents:** Adapter, driver CD, manual



		Order-No. – Packing Unit
VALUE PCI Adapter, 1 Parallel ECP/EPP Port	<b>A</b>	<b>15.99.2088 – 20</b>
VALUE PCI Adapter, 2 Serial RS232, D-SUB 9 Port	<b>B</b>	<b>15.99.2086 – 20</b>
VALUE PCI Adapter, 4+1 USB 2.0 Ports	<b>C</b>	<b>15.99.2159 – 20</b>
VALUE PCI Adapter, 3x IEEE 1394a (FireWire 400) Ports	<b>D</b>	<b>15.99.2182 – 10</b>
VALUE PCI-Express Adapter, 2 internal SATA 3.0 Gbit/s Ports	<b>E</b>	<b>15.99.2128 – 10</b>
VALUE PCI-Express Adapter, 1x Parallel ECP/EPP Port	<b>F</b>	<b>15.99.2114 – 10</b>
VALUE PCI-Express Adapter, 2x RS232 D-Sub 9 + 1x EPP/ECP Ports	<b>G</b>	<b>15.99.2116 – 10</b>
VALUE PCI-Express Adapter, 2x Serial RS232 D-Sub 9 Ports	<b>H</b>	<b>15.99.2118 – 10</b>
VALUE PCI-Express Adapter, 2x USB 3.0, 5 Gbit/s	<b>I</b>	<b>15.99.2113 – 5</b>
VALUE PCI ExpressCard, 2x SATA 6.0 Gbit/s + 1x IDE internal	<b>J</b>	<b>15.99.2131 – 5</b>
VALUE ExpressCard/34, 1x Serial RS232 D-Sub 9 Port	<b>K</b>	<b>15.99.2147 – 10</b>
VALUE ExpressCard/34, 2x USB 3.0, 5 Gbit/s	<b>L</b>	<b>15.99.2112 – 5</b>

Order-No.	Picture	Interfaces	Connectors	Card type	RAID function
15.99.2088	<b>A</b>	LPT 1-3	1x DB25 F external	PCI	-
15.99.2086	<b>B</b>	COM 1-256	2x DB9 M external	PCI	-
15.99.2159	<b>C</b>	USB 2.0	4x USB 2.0 Type A external/1x USB Type A internal	PCI	-
15.99.2182	<b>D</b>	IEEE 1394 (FireWire)	3x 6-pin IEEE 1394 F external	PCI	-
15.99.2128	<b>E</b>	SATA 3.0 Gbit/s	2x 7-pin SATA F internal	PCI-Express x1	RAID 0,1,0+1
15.99.2114	<b>F</b>	LPT 1-3	1x DB9 M	PCI-Express x1	-
15.99.2116	<b>G</b>	COM 1-256, LPT 1-3	2x DB9 M/1x DB25 F	PCI-Express x1	-
15.99.2118	<b>H</b>	COM 1-256	2x DB9 M	PCI-Express x1	-
15.99.2113	<b>I</b>	USB 3.0	2x USB 3.0 Type A	PCI-Express x1	-
15.99.2131	<b>J</b>	SATA 6.0 Gbit/s, IDE	2x 7-pin SATA/1x IDE internal	PCI-Express x1	-
15.99.2147	<b>K</b>	COM 1-256	1x DB9 M	ExpressCard/34	-
15.99.2112	<b>L</b>	USB 3.0	2x USB 3.0 Type A	ExpressCard/34	-



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## ROLINE I/O Cards

Upgrade your PC with additional interfaces like e.g. USB 2.0, USB 3.0, SATA and parallel EPP/ECP resp. RS-232 serial ports.

Choose between following ROLINE quality adapters:

- PCI adapters
- PCI-Express adapters

- Cardbus adapters
- ExpressCard/34/54 adapters

• **Contents:** Adapter, driver CD, manual

		Order-No. – Packing Unit
ROLINE PCI Adapter, 4 USB 2.0 Ports	<b>A</b>	<b>15.06.2170 – 10</b>
ROLINE PCI Adapter, 2 USB 3.0 Ports	<b>B</b>	<b>15.06.2116 – 10</b>
ROLINE PCI-Express Adapter, 2 internal SATA 3.0 Gbit/s Ports	<b>C</b>	<b>15.06.2126 – 20</b>
ROLINE PCI-Express Adapter, 1 + 1x SATA 3.0 Gbit/s Ports	<b>D</b>	<b>15.06.2127 – 20</b>
ROLINE PCI-Express Adapter, 2x eSATAp + USB	<b>E</b>	<b>15.06.2128 – 5</b>
ROLINE PCI-Express Adapter, 2 USB 3.0 Ports	<b>F</b>	<b>15.06.2113 – 10</b>
ROLINE PCI-Express Adapter, 1 + 1x SATA 6.0 Gbit/s	<b>G</b>	<b>15.06.2130 – 10</b>
ROLINE PCI ExpressCard, 2x SATA 6.0 Gbit/s + 1x IDE internal	<b>H</b>	<b>15.06.2131 – 10</b>
ROLINE ExpressCard/34, 1x RS232 Port	<b>I</b>	<b>15.06.2147 – 20</b>
ROLINE ExpressCard/34 to CardBus Adapter	<b>J</b>	<b>15.06.2149 – 10</b>
ROLINE ExpressCard/34, 1x eSATAp + USB	<b>K</b>	<b>15.06.2129 – 5</b>
ROLINE ExpressCard/34, 2x USB 3.0, 5.0 Gbit/s	<b>L</b>	<b>15.06.2114 – 10</b>
ROLINE ExpressCard/34, Slim, 1x USB 3.0	<b>M</b>	<b>15.06.2115 – 10</b>

Order-No.	Picture	Interfaces	Connectors	Card type	RAID function
15.06.2170	<b>A</b>	USB 2.0	4x USB 2.0 Type A external	PCI	-
15.06.2116	<b>B</b>	USB 3.0	2x USB 3.0 Type A external	PCI	-
15.06.2126	<b>C</b>	SATA 3.0 Gbit/s	2x 7-pin SATA internal	PCI-Express x1	-
15.06.2127	<b>D</b>	SATA 3.0 Gbit/s	1x 7-pin SATA internal/1x 7-pin eSATA external	PCI-Express x1	-
15.06.2128	<b>E</b>	SATA 3.0 Gbit/s + USB	2x Power over eSATA + USB external	PCI-Express x1	RAID 5
15.06.2113	<b>F</b>	USB 3.0	2x USB 3.0 Type A external	PCI-Express x1	-
15.06.2130	<b>G</b>	SATA 6.0 Gbit/s	1x 7-pin SATA internal/1x 7-pin eSATA external	PCI-Express x1	-
15.06.2131	<b>H</b>	SATA 6.0 Gbit/s, IDE	2x 7-pin SATA/1x IDE internal	PCI-Express x1	-
15.06.2147	<b>I</b>	COM 1-256	1x DB9 M	ExpressCard/34	-
15.06.2149	<b>J</b>	CardBus	1x CardBus	ExpressCard/34	-
15.06.2129	<b>K</b>	SATA 3.0 Gbit/s + USB	1x Power over eSATA + USB Type A	ExpressCard/34	-
15.06.2114	<b>L</b>	USB 3.0	2x USB 3.0 Type A	ExpressCard/34	-
15.06.2115	<b>M</b>	USB 3.0	1x USB 3.0 Type A	ExpressCard/34	-

## Mobile MicroSD Card Reader

MicroSD Card Reader with minimum USB-form factor. It's so small that it can be left permanently inside the notebook.

- Reads and writes MicroSD cards
- USB 2.0 and USB 1.1 compatible
- Ultra small design
- Key chain with screw up function for easy handling, storage and transportation
- Dimensions: 22 x 15 x 7 mm
- Color: Black

• **Contents:** Card Reader, key chain

• **Remark:** Memory card not included in delivery



**Order-No.** – Packing Unit

Mobile MicroSD Card Reader black **15.08.6209** – 10

## VALUE Card Reader Stick, USB 2.0

Smart combination of USB stick and card reader – perfect for mobile users

- Card Reader/Writer for the most popular memory cards: SD, MMC, MMC, MS and many more
- Supports Extended Capacity SD memory cards (SDXC)
- Compact and flat design
- Supports USB 2.0
- Power LED indicator
- Plug & play, hot-swappable

- USB bus-powered, no external power supply needed
- Dimensions: 70 x 25 x 20 mm
- Supports Windows 2000/ME/XP/Vista

• **Remark:** Memory cards not included



**Order-No.** – Packing Unit

VALUE Card Reader Stick, USB 2.0, Multi black **15.99.6248** – 20

## VALUE USB 2.0 Multi Card Reader, internal

- Read and write to the most popular flash cards like e.g.: SD, SDHC, MicroSD (TF), CF, MD, MMC, MS
- For installation in a type 3.5 PC slot
- Additional 1x USB port
- USB 2.0 and USB 1.1 compatible
- High Speed interface with transfer rates up to 480 Mbit/s

- LED indication for power and access
- Plug & play
- Bus powered, no external power supply required

• **Contents:** Card reader with molded internal connection cable, screws



**Order-No.** – Packing Unit

VALUE USB 2.0 Multi Card Reader, internal black **15.99.6218** – 10

## ROLINE Internal USB 3.0 Card Reader

- Can be installed in any available type 3.5 or 5.25 (adapter frame included) device bay
- Supports SuperSpeed USB 3.0, compliant with USB 2.0, USB 1.1
- Card Reader works with multiple media, as e.g. CF (Compact Flash) Card I/II, SD (Secure Digital) Card, SDHC, SDXC, MMC (MultiMedia Card), MS (Memory Stick), MS Pro, MS Duo, MS Micro, MS Pro-HG, MS XC, microSD and many variants

- Supports Extended Capacity SD memory cards (SDXC)

• **Contents:** Card reader, USB 3.0 cable (1.4 m), type 5.25 adapter frame, screws, slot bracket



**Order-No.** – Packing Unit

ROLINE Internal USB 3.0 Card Reader black **15.08.6251** – 10

## VALUE USB 2.0 Multi Card Reader, external

- Multi card reader supports various types of flash cards like e.g. SD, SDHC, Micro SD (TF), CF, MD, MMC, MS
- USB 2.0 and USB 1.1 compatible
- LED indicator for power and access

- Bus powered, no external power supply required
- Plug & play
- **Contents:** Card Reader, USB cable



**Order-No.** – Packing Unit

VALUE USB 2.0 Mini Card Reader 50+, external white/black **15.99.6249** – 10

## VALUE USB 2.0 Notebook Card Reader 50+

- Read and write to the most popular flash cards like e.g.: SD, SDHC, MicroSD (TF), CF, MD, MMC, MS
- USB 2.0, compatible with USB 1.1
- Compact and handy design for mobile use
- Plug & play, hot-swapping
- Power and Read/Write LED indicator
- USB Bus-powered, no external power supply needed

- Dimensions (WxDxH): 40 x 67 x 13 mm
- **Contents:** Card Reader, USB cable (75 cm)



**Order-No.** – Packing Unit

VALUE USB 2.0 Notebook Card Reader 50+ white/black **15.99.6231** – 20

## ROLINE USB 2.0 Notebook Card Reader 50+

- Read & write to the most popular flash cards like SD, SDHC, Micro SD (TF), CF, MD, MMC, MS and many variants
- Very easy installation, supports plug & play
- Compact and flat housing, ideal for mobile use
- USB 2.0, USB 1.1 compatible
- USB bus-powered, no external power supply is needed
- LEDs for status indication
- Dimensions (WxDxH): 93 x 52 x 8 mm
- **Contents:** Card Reader, USB cable Type A/5-pin Mini (1 m)



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**Order-No.** – Packing Unit

ROLINE USB 2.0 Notebook Card Reader 50+ black **15.08.6247** – 10

## VALUE USB 3.0 Multi Card Reader, external

- Supports various types of flash cards like e.g. SD, SDHC, Micro SD (TF), CF, MD, MMC, MS
- Supports USB 3.0, compliant with USB 2.0, USB 1.1
- Supports Extended Capacity SD memory cards (SDXC)
- Bus powered
- Supported Operating Systems: Windows 2000/XP/Vista/7, Mac OS X
- **Contents:** Card Reader, USB cable (length: 1.15 m)



**NEW**

**Value**

**Order-No.** – Packing Unit

VALUE USB 3.0 Mini Card Reader, external white **15.99.6250** – 8

## ROLINE USB 3.0 Multi Card Reader, external

- Supports SuperSpeed USB 3.0, compliant with USB 2.0, USB 1.1
- Card Reader works with multiple media, as e.g. CF (Compact Flash) Card I/II, SD (Secure Digital) Card, SDHC, SDXC, MMC (MultiMedia Card), MS (Memory Stick), MS Pro, MS Duo, microSD and many variants
- Supports Extended Capacity SD memory cards (SDXC)
- No adapter required for Micro SD/M2 Cards
- Bus powered – power supply over USB port
- Dimensions (WxDxH): 80 x 53 x 16 mm
- Supported Operating Systems: Windows 2000/XP/Vista/7, Mac OS X
- **Contents:** Card reader, USB 3.0 cable (50 cm)



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**NEW**

**Order-No.** – Packing Unit

ROLINE USB 3.0 Multi Card Reader, external black **15.08.6250** – 5

## VALUE CCD Barcode Scanner

- Easy to handle scanner with integrated decoder for a convenient data retrieval
- Readable codes: code 39 (standard + full ASCII), code 93, UPC and EAN codes, CODABAR, MSI/PLESSEY, code 2 of 5 (Industrial, Interleaved), code 4, JAN, CIP39
- Programmable (e.g. barcode, terminator, speed)
- Optical and acoustical signal
- Light source: LED (660 nm), optical sensor: CCD
- Reading width (max.): 82 mm
- Resolution: 0.1 mm
- Reading rate: 33 – 200 scans/sec
- Connection over USB
- Suits optional VALUE Wall Mount (18.99.3000)



**Value**

**NEW**

**Order-No.** – Packing Unit

VALUE CCD Barcode Scanner, USB **18.99.3024** – 1  
VALUE Wall Mount for CCD Barcode Scanner **18.99.3000** – 1

## VALUE Laser Barcode Scanner

- Easy and convenient Data retrieval – even from the distance
- Readable codes: code 39, code 93, code 128, UPC and EAN codes, codabar, code 2 of 5 (Industrial, Interleaved)
- Programmable (e.g. barcode, terminator, speed)
- Optical and acoustical signal
- Light source: laser diode (650 nm)
- Reading distance (max.): 20 cm
- Reading speed: 35 scans/sec
- Connection over USB



**Value**

**NEW**

**Order-No.** – Packing Unit

VALUE Laser Barcode Scanner, USB **18.99.3065** – 1

### VALUE External Type 2.5 SATA HDD Pocket Enclosure with USB 2.0

- Transfer rate of USB 2.0 Hi-Speed up to 480 Mbit/s
- For type 2.5 HDDs with a height of less than 9.5 mm
- Aluminium material for excellent heat-dissipation
- LEDs for power and bus activities indication
- Hot-swappable and plug & play
- Supports Windows ME/2000/XP/Vista/7
- **Contents:** HDD enclosure, Y-USB cable



**Technical data:**  
 Internal connection: 1x SATA  
 External connection: 1x USB 2.0  
 Dimensions (WxDxH): 83 x 131 x 16 mm  
 Casing: Metal, black  
 Power supply: over included Y-USB Cable or optional power supply

**Order-No. – Packing Unit**

VALUE External Type 2.5 SATA HDD/SSD Pocket Enclosure with USB 2.0 **16.99.4204 – 10**

### VALUE External SATA HDD Enclosures, USB 3.0

- Compliant with USB 3.0, with data transfer rates of up to 5.0 Gbit/s
- Supports type 2.5 resp. 3.5 HDDs with SATA connection
- Connection to PC over USB 3.0
- Compliant with the SATA 6.0 Gbit/s (only 16.99.4209), SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Supported Operation Systems: Windows 2000/XP/Vista/7
- **Contents:** HDD enclosure, power supply (only 16.99.4288), USB 3.0 cable, manual



**Order-No. – Packing Unit**

VALUE External Type 2.5 SATA 3.0 Gbit/s HDD/SSD Enclosure with USB 3.0 **16.99.4206 – 10**

VALUE External Type 2.5 SATA 6.0 Gbit/s HDD/SSD Enclosure with USB 3.0 **16.99.4209 – 10**

VALUE External Type 3.5 SATA 3.0 Gbit/s HDD Enclosure, with USB 3.0 **16.99.4288 – 5**

### External Type 3.5 SATA HDD Plug-In Enclosure with eSATA + USB 2.0

SMART HDD plug-in enclosure. Plug your HDD directly in the mobile rack without using any screwdrivers or additional casings.

- Fits all type 3.5 SATA 1.5 Gbit/s, SATA 3.0 Gbit/s HDDs
- Connectors: Internal SATA, external SATA and USB 2.0
- Stable metal plug-in casing
- Integrated fan prevents overheating
- Colour: Black



**Technical data:**  
 Interface: SATA I/II  
 Internal connection: SATA 7-pin M  
 External connection: eSATA, 7-pin F, USB 2.0  
 Fan: 1  
 Dimensions (WxDxH): 37 x 126 x 207 mm  
 Power supply: over included power supply (12V, 2A)



**Order-No. – Packing Unit**

External Type 3.5 SATA HDD Plug-In Enclosure with eSATA+USB 2.0 **16.01.4134 – 1**

### ROLINE External Type 2.5/3.5 SATA HDD Enclosures with USB 2.0

- For type 2.5/3.5 HDDs with SATA connection
- Connection to PC over USB 2.0
- Modern and functional black aluminium design for optimal heat dissipation
- True plug & play, hot-swappable
- Blinking red ROLINE logo on front
- Supports Windows 98SE/ME/2000/XP



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Order-No.	HDD connection	Ext. connection	Dimensions	Power supply
16.01.4281	SATA	1x USB 2.0 Type Mini B	135 x 80 x 15	over USB or 5V power Cable
16.01.4286	SATA	1x USB 2.0 Type B	215 x 125 x 30	external power supply

**Order-No. – Packing Unit**

ROLINE External Type 2.5 HDD/SSD Enclosure, SATA to USB 2.0

**16.01.4281 – 10**

ROLINE External Type 3.5 HDD Enclosure, SATA to USB 2.0

**16.01.4286 – 10**

### ROLINE External SATA HDD Enclosures, USB 3.0

Modern and functional ROLINE silver aluminium design enclosures for optimal heat dissipation.

- Compliant with SuperSpeed USB 3.0
- Supports type 2.5/3.5 HDDs with SATA connection
- Connection to PC over USB 3.0
- Compliant with the SATA 3.0 Gbit/s (SATA II), SATA 1.5 Gbit/s (SATA I)
- Supported Operation Systems: Windows 2000/XP/Vista/7
- **Contents:** HDD enclosure, power supply (only 16.01.4287), USB 3.0 cable, manual



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**Order-No. – Packing Unit**

ROLINE External Type 2.5 SATA HDD/SSD Enclosure with USB 3.0

**16.01.4288 – 5**

ROLINE External Type 3.5 SATA HDD Enclosure with USB 3.0

**16.01.4287 – 5**

### VALUE Type 3.5 SATA NAS with USB 2.0

- Data sharing and data backup over a network
- For one SATA 3.0 Gbit/s or SATA 1.5 Gbit/s HDD
- Supports NTP server
- Supports Media server function
- Supported network protocols: TCP/IP, SMB, FTP, SNTIP, HTTP
- Additional USB 2.0 port for the connection of a USB storage device
- Share-level security through web-based network management tool
- File sharing between different clients
- Supports DDNS function
- Supports DHCP client
- Password function for the FTP server
- Supported Operating Systems: Windows XP/Vista/7
- **Contents:** SATA NAS, power supply, LAN cable, driver CD

**Technical data:**  
 Internal connection: 1x SATA  
 External connection: 1x 10/100/1000 Gbit/s LAN port  
 Dimensions (WxDxH): 120 x 200 x 30 mm  
 Casing: Metal, silver



**Order-No. – Packing Unit**

VALUE Type 3.5 SATA NAS with USB 2.0

**16.99.4266 – 4**



## VALUE Type 2.5 SATA HDD Docking Station with USB 2.0

- Supports type 2.5 HDD/SSD without any adapter
- Supports SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Hot-swappable
- Supports transfer speed up to 480 Mbit/s
- Power supply free
- Supports Windows XP/Vista/7
- **Contents:** Docking Station, Y-USB cable

### Technical data:

Connection internal: 1x SATA  
 Connection external: 1x USB Type A  
 Dimensions (WxDxH): 80 x 25 x 35 mm  
 Power supply: Y-USB Cable



**Order-No.** – Packing Unit

VALUE Type 2.5 SATA HDD/SSD Docking Station with USB 2.0

**16.99.4100 – 10**

## ROLINE SATA HDD Docking Station with USB 2.0

Stylish docking station with high gloss surface for the quick connection of a SATA HDD to your computer.

- Compliant with SATA 1.5 Gbit/s (SATA I)
- For type 3.5 HDDs or type 2.5 HDDs
- One Touch Backup function
- Hot-swappable

### Technical data:

Connection internal: 1x SATA  
 Connection external: 1x USB Type A  
 Dimensions: 110 x 166 x 112 mm  
 Power supply: 12V 2A



**Order-No.** – Packing Unit

ROLINE Type 2.5+3.5 SATA HDD/SSD Docking Station with USB 2.0

**16.01.4126 – 5**

## VALUE SATA HDD Docking Station with USB 3.0

External docking station for a quick and easy connection of SATA HDDs to a PC or notebook over USB.

- Compliant with SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Compliant with USB 3.0 and USB 2.0
- For type 3.5 HDDs or type 2.5 HDDs
- One Touch Backup function
- Hot-swappable
- **Contents:** Docking station, USB cable, power supply, driver CD, manual



**Order-No.** – Packing Unit

VALUE Type 2.5+3.5 SATA HDD Docking Station with USB 3.0

**16.99.4128 – 5**

## ROLINE SATA HDD Docking Station with USB 3.0

Handy external docking station for a comfortable, quick and easy connection of SATA HDDs to a PC or notebook over USB.

- Compliant with SATA 3.0 Gbit/s, SATA 1.5 Gbit/s
- Compliant with USB 3.0 and USB 2.0
- For type 3.5 HDDs or type 2.5 HDDs
- One Touch Backup function
- Hot-swappable
- **Contents:** Docking station, USB cable, power supply, driver CD, manual



**Order-No.** – Packing Unit

ROLINE Type 2.5+3.5 SATA HDD/SSD Docking Station with USB 3.0

**16.01.4129 – 5**

## ROLINE Internal Type 2.5 SATA HDD/SSD Mobile Rack, with I/O Panel

- Slot for type 2.5 SATA HDDs and SSDs
- For installation in a free type 3.5 slot of a PC
- Integrated USB 2.0 hub with 3 ports
- 1x 5 V/12 V Power eSATAp/USB 2.0 port
- Button for One-Touch Backup function
- Connectors for internal connection: USB 2.0 connector, SATA connector, 4-pin HDD
- Plug & play
- Status LEDs
- Power supplied by PC power supply
- Supported Operating Systems: Windows 98/SE/ME/2000/Server 2003/XP/Vista/7



**Order-No.** – Packing Unit

ROLINE Internal Type 2.5 SATA HDD/SSD Mobile Rack, with I/O Panel

**16.01.4139 – 5**

## VALUE Type 5.25 SATA HDD Plug-In Mobile Rack

- For all Standard type 3.5 SATA 1.5 Gbit/s / SATA 3.0 Gbit/s HDDs, which need installation in a type 5.25 slot
- The outer frame has a built in fan
- Set contains type 5.25 frame + tray
- Plastic version



### Technical data:

Interface: SATA 1.5 Gbit/s, SATA 3.0 Gbit/s  
 Internal connection: SATA, 7-pin M  
 External connection: SATA, 7-pin F  
 Fan: 1  
 Color: Black



**Order-No.** – Packing Unit

VALUE Type 5.25 SATA HDD Plug-In Mobile Rack

black **16.99.4035 – 20**

**VALUE Type 3.5 SATA HDD Plug-In Mobile Rack with SATA**

HDD plug-in mobile rack for the mobile use of your HDD. Plug your HDD directly into the slot without using screwdrivers and additional casings.

- Fits for all type 3.5 SATA 1.5 Gbit/s, SATA 3.0 Gbit/s
- Stable metal plug-in casing, lockable
- Integrated, quiet 3.5 cm cooling fan provides excellent airflow
- Optional conversion of the internal SATA power supply to external type 5.25 plug or external SATA power supply

- **Contents:** Mobile rack, 2 security keys, 4 screws

**Technical Data:**  
 Interface: SATA 1.5 Gbit/s, SATA 3.0 Gbit/s  
 Internal connection: SATA, 7-pin M  
 External connection: SATA, 7-pin F  
 Fan: 1



**Value**

**Order-No. – Packing Unit**

VALUE Type 3.5 SATA HDD Plug-In Mobile Rack with SATA **16.99.4058 – 20**

**SSI Internal Type 2.5 SATA HDD Mobile Rack, 2-bay, with SATA**

- Easy HDD Installation without using any tools
- For installation of two type 2.5 HDDs in a type 3.5 floppy bay
- Supports SATA 3.0 Gbit/s and SATA 1.5 Gbit/s HDDs
- Two separately lockable bays
- Power and HDD access LED display
- Hot-swappable and plug & play
- Casing: metal and plastic
- Supports Windows 98SE/ME/2000/XP/Vista
- **Contents:** HDD Enclosure, screws, 2 keys, manual



**Technical data:**  
 Internal connection: 2x 7-pin SATA 3.0 Gbit/s  
 External connection: 2x 7-pin SATA data, 1x 15-pin SATA power  
 Dimensions (WxDxH): 100 x 150 x 25 mm  
 Casing: Metal, black

**SSI Computer Corp.**

**Order-No. – Packing Unit**

SSI Type 2.5 SATA HDD Mobile Rack, 2-bay, with SATA, internal **16.01.4135 – 20**

**External Type 3.5 SATA HDD Plug-In Enclosure with USB 3.0**

Super speed USB 3.0 enclosure. The enclosure's screwless technology allows to change the HDD without any tools quickly and easily.

- For use with type 3.5 SATA HDDs
- USB 3.0, backwards compatible to USB 2.0/1.1
- Screwless design for fast HDD mounting and changing
- Power switch at rear
- Status LED in blue
- 40 mm fan

**Technical data:**  
 Internal connection: 1x SATA 3.0 Gbit/s F  
 External connection: 1x USB 3.0 F  
 Fan: 1  
 Casing: metal, black  
 Weight: 1.2 kg  
 Dimensions: 126 x 207 x 37 mm  
 Power supply: 12 V, 2 A



**Order-No. – Packing Unit**

External Type 3.5 SATA HDD Plug-In Enclosure with USB 3.0 **16.01.4137 – 1**

**Smart Internal Type 3.5 SATA HDD Plug-In Mobile Rack with SAS/SATA**

SMART HDD plug-in mobile rack. Plug your HDD directly into the slot without screwdrivers and additional casings.

- Fits for all type 3.5 SATA 1.5 Gbit/s, SATA 3.0 Gbit/s and SAS HDDs
- Stable metal plug-in casing, lockable
- Integrated fan prevents overheating

**Technical data:**  
 Interface: SAS/SATA  
 Internal connection: SATA, 7-pin M  
 External connection: SATA, 7-pin F  
 Fan: 1



**Order-No. – Packing Unit**

Smart Internal Type 3.5 SATA HDD Plug-In Mobile Rack with SAS/SATA **16.01.4132 – 1**

**VALUE External Type 2.5 SATA HDD/SSD Enclosure, 2-bay, with USB 3.0**

- External enclosure for the fast and easy, toolless installation of two type 2.5 SATA HDDs or SSDs
- Connection to PC over USB 3.0
- Compliant with SuperSpeed USB 3.0
- Auto negotiation between 1.5 Gbit/s (SATA I) and 3.0 Gbit/s (SATA II)
- Supports RAID0, RAID1, JBOD
- DIP switch for configuring the storage policy
- LEDs for power and HDD activity
- Plug & play

- Supported Operating Systems: Windows XP/Server 2003/Vista/Server 2008/7

- **Contents:** Enclosure, power supply, USB cable (1 m)

**Value**



**Technical data:**  
 Internal interface: 2x SATA  
 External interface: USB 3.0  
 Dimensions (WxDxH): 102 x 150 x 26 mm  
 Housing: metal  
 Color: black

**Order-No. – Packing Unit**

VALUE External Type 2.5 SATA HDD/SSD Enclosure, 2x, with USB 3.0 **16.99.4207 – 5**

**Type 3.5 SATA HDD Enclosure with USB 3.0, RAID, 2-bay**

The variable external storing solution!

- Attractive design, easy use without screws – just plug-in the HDDs and work with them
- Supports type 3.5 (8.89 cm) SATA HDDs (max. 2x 2000 GB)
- SuperSpeed USB 3.0, compatible with USB2.0/1.1
- Connections: Internal: 2x SATA; External: 1x USB 3.0
- Supports RAID 0/1/JBOD/BIG
- RAID level switch on front side
- Power switch on front side
- Status LEDs

- Metal housing
- 70 mm fan for excellent heat dissipation
- Dimensions (WxDxH): 130 x 210 x 117 mm
- Supported Operating Systems: Windows 2000/XP/Vista,7, Mac OS X

- **Contents:** Enclosure, USB cable, power cord, manual



**Order-No. – Packing Unit**

Type 3.5 SATA HDD Enclosure with USB 3.0, RAID, 2-bay **16.01.4138 – 1**

## VALUE 19" – 4U Industrial Rack-Mount Server Chassis

- Rugged construction and design for harsh industrial environment
- Hold-down clamp design to protect plug-in cards from vibration

- Shock resistant drive bracket exposed
- Lockable front door for dust-proof integrity and running security
- 1x 12 cm ball bearing fan with removable air filter to have better ventilation and easy replacing
- Space for installation of an ATX power supply (not included in delivery)
- Optional: Telescopic rail 19.99.0113

### Technical Data:

Type 5.25 slots:	3
Type 3.5 slots:	1x int. (HDD), 1x ext. (FDD)
Dimensions (WxLxH):	178 x 480 x 485/530*mm
Weight:	11.9 kg
Connectors front:	2x USB 2.0
Fan front:	120 mm

\*) with holder



Order-No. – Packing Unit

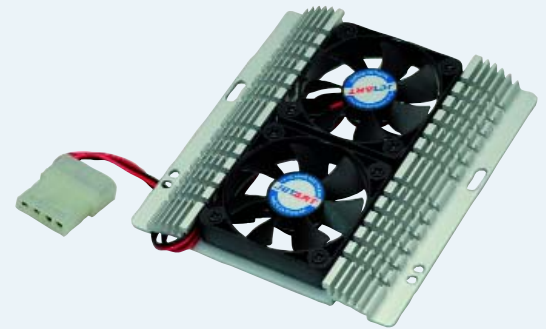
VALUE 19" Industrial Rack-Mount Server Chassis STD	black	<b>19.99.0108 – 1</b>
VALUE Telescopic rails f. VALUE Industrial Rack-Mount Server Chassis	510-820 mm	<b>19.99.0113 – 1</b>

## Hard Disk Cooler

Too much heat can cause system errors, with this cooler you can prevent the overheating of your hard disk.

- Flat aluminium constructions for cooling type 3.5 HDDs
- Will be placed on the top of a hard disk in a standard type 5.25 slot
- Two ball-bearing fans offer good air delivery

- Power supply from the PC main adapter via 5.25 power plug
- Note: May block the next nearest type 3.5 slot



Order-No. – Packing Unit

Hard Disk Cooler for Type 3.5 HDDs	<b>19.10.4065 – 100</b>
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## HDD Mounting Adapters

### 16.01.3028/16.01.3030:

- Hard disk mounting adapter 16.01.3028 serves for installation of type 3.5 hard disks into a free type 5.25 slot
- Hard disk mounting adapter 16.01.3030 serves for installation of type 2.5 hard disks into a free type 3.5 slot
- Nickel plated

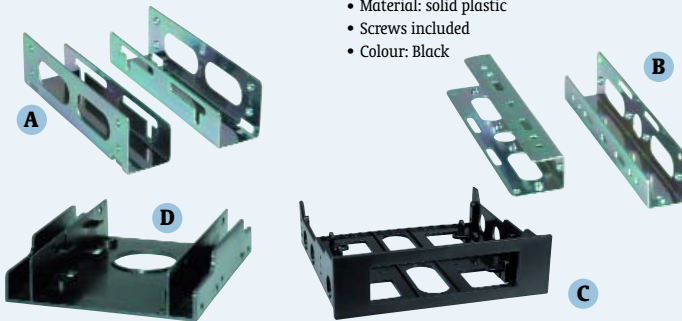
- **Contents:** 2 brackets, screws

### 16.01.3006:

- For installation of type 3.5 mobile racks/enclosures (e.g. floppy drives) in an (open) type 5.25 slot
- Solid ABS-plastic
- Colour: black

### 16.01.3007:

- For the installation of up to two type 2.5 HDDs into any type 3.5 drive bay of a computer case
- Material: solid plastic
- Screws included
- Colour: Black



Order-No. – Packing Unit

HDD Mounting Adapter, Type 3.5/5.25	<b>A</b>	<b>16.01.3028 – 50</b>
HDD Mounting Adapter Type 3.5 to 2.5	<b>B</b>	<b>16.01.3030 – 25</b>
Floppy Mounting Adapter Frame, Type 3.5/5.25	<b>C</b>	<b>16.01.3006 – 40</b>
HDD Mounting Adapter Type 3.5 for 2x Type 2.5 HDDs	<b>D</b>	<b>16.01.3007 – 20</b>

## XILENCE Power Supply Units

The third generation Xilence power supply units – exciting design, latest technology and top quality. In the current revision, every power supply series has been completely revised. The results are not only impressive due to the high-efficiency technology, but also due to the new design and even better equipment. The connections have been coordinated to current systems and due to the increased energy efficiency, the power packages are even cooler and quieter.

### Features:

- Powerful: Optimal performance in every situation
- Silent: Quiet as a whisper 120 mm fan
- High efficiency
- Reliability: Always maximum stability
- Certificates: CE, WEEE, RoHS, TÜV

- **Contents:** Power supply unit, power cord, screws



Order-No. – Packing Unit

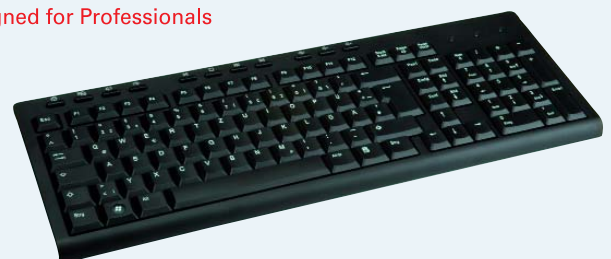
XILENCE Red Wing ATX 2.2 Power Supply Unit, 350W, passive PFC	<b>19.10.2106 – 1</b>
XILENCE Red Wing ATX 2.2 Power Supply Unit, 450W, passive PFC	<b>19.10.2107 – 1</b>
XILENCE Red Wing ATX 2.2 Power Supply Unit, 550W, passive PFC	<b>19.10.2108 – 1</b>

## ROLINE Standard Keyboard, USB, black, UK Layout

- Standard UK keyboard layout
- 11 hot keys – one touch solution for popular multimedia functions and internet
- Silent operation

- Connection to PC over USB
- Colour: Black
- Supports Windows 2000/XP/Vista/7

**roline**<sup>®</sup>  
Designed for Professionals



Order-No. – Packing Unit

Keyboard, USB, black, UK Layout	<b>18.02.3223 – 10</b>
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## VALUE Wireless Presenter, USB

This 2.4 GHz RF Wireless Presenter will offer you increased control for more effective presentations.

- USB receiver stores conveniently inside the remote
- Up to 30 m of wireless range
- Built-in laser pointer
- Compatible with most presentation applications including Microsoft PowerPoint and Apple Keynote
- Next slide, previous slide buttons
- Screen-hide button

- No software required
- Plug & play
- Supports Windows 2000/XP/Vista

• **Contents:** Presenter, receiver, AAA battery, manual



**Order-No. – Packing Unit**  
**18.99.1001 – 5**

VALUE Wireless Presenter, USB

## ROLINE Wireless Presenter/Joystick, USB

This wireless presenter offers you increased control and comfort for more effective presentations, gaming, etc.

- Pointing device for PC or notebook
- Three functions:
  - Thumb mouse mode – acts like a trackball, e.g. for scroll function
  - Joystick mode -for computer gamers
  - Presentation mode – acts like a presenter/pointer (emulation)

- Wireless connection over USB transceiver
- Operating distance: Up to 10 m
- Power: 2x AAA batteries

• **Contents:** Presenter, receiver, manual



**Order-No. – Packing Unit**  
**18.01.1001 – 5**

ROLINE Wireless Presenter/Joystick, USB

## VALUE Mouses

Ergonomic designed mouses that allow a comfortable working. Great price-performance ratio.



**Order-No. – Packing Unit**

<b>A</b> VALUE Mouse, optical, USB	black	<b>18.99.1092 – 40</b>
<b>B</b> VALUE Mouse, optical, USB	blue/black	<b>18.99.1076 – 40</b>
<b>C</b> VALUE Mouse, optical, cordless, USB	blue/black	<b>18.99.1072 – 60</b>

Order-No.	Cordless	No. of buttons	No. of wheels	Resolution	Connection	Optical	Sinistral
18.99.1092	no	3	1	800 dpi	USB	yes	yes
18.99.1076	no	3	1	1000 dpi	USB	yes	yes
18.99.1072	yes	3	1	1600 dpi	USB	yes	yes



## ROLINE Notebook Mouses

Comfortable use in a small range – thanks to the optical technology – on many surfaces.

- 18.01.1073 with handy, retractable cable (85 cm)



**Order-No. – Packing Unit**

<b>A</b> ROLINE Notebook Mouse, USB, optical, w. retractable Cable	silver/black	<b>18.01.1073 – 20</b>
<b>B</b> ROLINE Notebook Mouse, optical, cordless, USB	silver/black	<b>18.01.1072 – 30</b>

Order-No.	Cordless	No. of buttons	No. of wheels	Resolution	Connection	Optical	Sinistral
18.01.1073	no, retractable	3	1	800 dpi	USB	yes	yes
18.01.1072	yes	3	1	1000 dpi	USB	yes	yes
18.01.1098	yes	3	1	1.000 dpi	USB	yes	yes
18.01.1081	no	3	1	800 dpi	USB	yes	yes

## ROLINE Mouses

ROLINE offers a selection of ergonomic designed mouses that allow a comfortable and

precise working. ROLINE stands for comfort and quality at a fair price.



**Order-No. – Packing Unit**

<b>A</b> ROLINE Mouse, optical, cordless, USB	silver/black	<b>18.01.1098 – 20</b>
<b>B</b> ROLINE Mouse, optical, USB	silver/black	<b>18.01.1081 – 30</b>

# Mobile Computing



5

<b>Notebook USB Hubs / Mouses .....</b>	<b>5.02</b>
<b>USB / HDMI / Network Retractable Cables .....</b>	<b>5.03</b>
<b>Docking Station .....</b>	<b>5.03 - 5.04</b>
<b>Notebook / Tablet PC Stands.....</b>	<b>5.05</b>
<b>Notebook Cooler.....</b>	<b>5.06</b>
<b>Notebook Cleaning.....</b>	<b>5.07</b>
<b>Notebook USB Travel Kit .....</b>	<b>5.07</b>
<b>Notebook Battery Pack, USB Power Chargers.....</b>	<b>5.08</b>
<b>Universal Notebook Power Adapters.....</b>	<b>5.09</b>
<b>Sub – / Notebook Bags.....</b>	<b>5.10</b>
<b>Notebook Security Locks.....</b>	<b>5.10</b>

## VALUE USB 2.0 Notebook Hubs

- This hub can connect up to four USB devices
- Compact and nice design with integrated moulded USB cable
- USB 2.0, compatible with USB 1.1
- LEDs for Power and Port status
- 14.99.5016 with external power supply
- **Contents:** Hub, power supply (only 14.99.5016), attached USB cable (2 cm)



**Technical data:**  
 PC connection: 1x USB Typ A (attached Cable)  
 Input: 4x USB Type A  
 Dimensions (WxDxH): 90 x 44 x 14 mm  
 Power supply (for 14.99.5016): 5V DC, 2A



**Order-No. – Packing Unit**

VALUE USB 2.0 Notebook Hub, 4 Ports	<b>14.99.5015 – 20</b>
VALUE USB 2.0 Notebook Hub, 4 Ports, with power supply	<b>14.99.5016 – 20</b>

## VALUE Card Reader Stick, USB 2.0

- Smart combination of USB stick and card reader – perfect for mobile users
- Card Reader/Writer for the most popular memory cards: SD, MMC, MMC, MS and many more
- Supports Extended Capacity SD memory cards (SDXC)
- Compact and flat design
- Supports USB 2.0
- Power LED indicator
- Plug & play, hot-swappable
- USB bus-powered, no external power supply needed
- Dimensions: 70 x 25 x 20 mm
- Supports Windows 2000/ME/XP/Vista



**Order-No. – Packing Unit**

VALUE Card Reader Stick, USB 2.0, Multi	black	<b>15.99.6248 – 20</b>
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## ROLINE Retractable Flat LAN Cable for Notebooks

- For a fast network connection without any cable hassle, ideal for travellers
- Flat cable with two unshielded RJ-45 connectors
- In housing with auto-roll-extender, stretches out to a total length of 2 m
- Length scales in inches and centimetres printed on cable
- Cable colour: Black



**Order-No. – Packing Unit**

ROLINE Flat UTP LAN Cable for Notebooks, Retractable, 2 m	<b>21.15.0591 – 20</b>
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## ROLINE USB 3.0 Mini Hub, 4 Ports

- This compact and stylish mini hub can connect up to four USB devices with Super-Speed
- Data transfer rates of up to 5 Gbit/s
- Fully backwards compatible with USB 2.0, USB 1.1
- PC connection: 1x USB 3.0 Micro Type B
- Hot-swappable
- Metal case
- **Contents:** Hub, power supply, USB 3.0 cable, manual



**Technical data:**  
 PC connection: 1x USB Micro Type B  
 Input: 4x USB Type A  
 Dimensions (WxDxH): 79 x 60 x 16 mm  
 Power supply: 5V, 4A

**Order-No. – Packing Unit**

ROLINE USB 3.0 Mini Hub, 4 Ports, with Power Supply	<b>14.02.5016 – 5</b>
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## ROLINE Notebook Mouses

Comfortable use in a small range – thanks to the optical technology – on many surfaces.



Order-No.	Cordless	No. of buttons/wheels	Resolution	Connection	Optical	Sinistral
18.01.1073	no, retractable	3/1	800 dpi	USB	yes	yes
18.01.1072	yes	3/1	1.000 dpi	USB	yes	yes

**Order-No. – Packing Unit**

Notebook Mouse, USB, optical, with retractable Cable	<b>A</b>	<b>18.01.1073 – 20</b>
Notebook Mouse, optical, cordless, USB	<b>B</b>	<b>18.01.1072 – 30</b>

## VALUE Headset with Microphone

- Monaural headset with very good price-performance ratio
- Ideal for mobile use – multimedia applications
- With integrated microphone/volume control on the cable
- Connection to PC over 2x 3.5 mm stereo plug
- Cable length is adaptable through automatic retraction up to 1 m



**Order-No. – Packing Unit**

VALUE Headset with Microphone, Volume Control	1 m	<b>15.99.1303 – 20</b>
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## VALUE USB 2.0 Retractable Cables

Different cable types for every purpose and excellent for mobile office users and for travelling

- Cable length is adaptable through automatic retraction
- Tangle free

- Colour: black
- \*4 in 1 cable (11.99.8817): USB Type A M / USB 5-pin Mini M to USB Type A M / USB Micro M



	Order-No.	Packing Unit
VALUE USB 2.0 Retractable Cable, Type A M – Type B M, 1.2 m	<b>A 11.99.8812</b>	– 25
VALUE USB 2.0 Retractable Cable, Type A M – Type A F, 1.2 m	<b>B 11.99.8814</b>	– 10
VALUE USB 2.0 Retractable Cable, Type A M – 5-Pin mini M, 1.2 m	<b>C 11.99.8816</b>	– 10
VALUE USB 2.0 Retractable Cable, Type A M – Micro B M, 0.7 m	<b>D 11.99.8815</b>	– 10
VALUE USB Retractable Cable, USB Type A M – Micro B/for Galaxy M, 0.7 m	<b>E 11.99.8810</b>	– 20
VALUE USB 2.0 Retractable Cable, 4 in 1, 0.7 m	<b>F 11.99.8817</b>	– 20

## VALUE HDMI High Speed with Ethernet Cables, Retractable

- Ideal cables for mobile office users and for travelling
- For the connection of e. g. a monitor or mobile phones, smart phones, PDAs, digital cameras to your notebook

- Cable length is adaptable through automatic retraction up to 1.2 m
- Tangle free
- Colour: black

Technical data:	11.99.5538	11.99.5539	11.99.5540	11.99.5573
Connector 1:	HDMI Type A M	HDMI Type A M	HDMI Type A M	HDMI Type A M
Connector 2:	HDMI Type A M	HDMI Type C (Mini) M	HDMI Type D (Micro) M	HDMI Type A M
Additional adapters:	-	-	-	HDMI Type C (Mini) M, HDMI Type D (Micro) M



	Order-No.	Packing Unit
A) HDMI High Speed Cable w. Ethernet, M – M, retractable	1.2 m <b>11.99.5538</b>	– 20
B) HDMI High Speed Cable w. Ethernet, Type A M – Type C M, retract.	1.2 m <b>11.99.5539</b>	– 20
C) HDMI High Speed Cable w. Ethernet, Type A M – Type D M, retract.	1.2 m <b>11.99.5540</b>	– 20
D) HDMI High Speed Cable w. Ethernet, 3in1 Set, retractable	1.2 m <b>11.99.5573</b>	– 20

## Dock Connector to USB 2.0 Cable for iPhone/iPod

- USB connection cable for charging iPod, iPad or iPhone and transferring data to a PC/notebook
- Also suitable for the connection to a USB charger
- Meets USB 2.0 standard (transfer rate up to 480 Mbit/s)
- Connectors: USB type A, Dock connector
- Colour: black
- Length: 1.0 m



	Order-No.	Packing Unit
Dock Connector to USB 2.0 Cable for iPhone / iPod / iPad, 1 m, black	<b>11.02.8301</b>	– 12

## VALUE USB 3.0 Retractable Cable

- USB 3.0 SuperSpeed cable with adaptable length up to 0.7 m through automatic retraction
- Connectors: USB 3.0 type A M, USB 3.0 type Micro B M
- Tangle free, ideal connection cable for mobile office users and for travelling

- Colour: black



	Order-No.	Packing Unit
VALUE USB 3.0 Retractable Cable, Type A M – Type Micro B M, 0.7 m	<b>11.99.8811</b>	– 10

## Docking Station for Net-/Notebooks

All that you need for your favorite netbook is right here, and all-in-one!

- Operate as easy as using USB connection
- Compatible with 20.3, 22.9, 25.4 cm size netbooks
- Built-in 4 cm fan, low noise, on/off switchable
- USB 2.0 hub, two ports
- Built-in optical drive, slim type

- Easy slide in/out 6.4 cm portable hard disk enclosure
- Plug & play
- Dimensions: 260 x 200 x 44.8 mm
- **Contents:** Docking station, power supply, USB cable, manual



	Order-No.	Packing Unit
Docking Station for Net-/Notebooks	<b>12.02.1063</b>	– 6

## VALUE USB 2.0 Docking Station, Mini, DVI

With only one USB port required from a notebook, devices such as a hub, card reader, monitor, keyboard, mouse, microphone, speaker and a LAN can be accessed and operated freely from the docking station.

- Multi card reader for flash cards like e.g.: SD, SDHC, MicroSD (TF), MMC, MS
- With power on/off switch
- Supports Windows 2000/XP/Vista/7
- **Contents:** Docking Station, power supply, USB cable (1 m), driver CD

- Connection to notebook over USB
- Compliant with USB 2.0 and 1.1
- DVI monitor output supports resolutions of up to 1600 x 900 / 1440 x 1050 (nominal)

**Technical data:**  
 - 1x DVI port for video output  
 - 6x USB 2.0 ports  
 - 2x audio channels (microphone, speaker)  
 - 1x 10/100 Ethernet LAN port  
 - 1x USB Type B for notebook input



**Order-No.** – Packing Unit  
**12.99.1001** – 5

VALUE USB 2.0 Docking Station, Mini, DVI

## ROLINE Docking Station for Net-/Notebooks, „Black and White“, DVI

The docking station for net-/notebooks provides a quick and easy connection to the workplace peripherals that you use every day.

- Build-in auto-install function (no CD required)
- Plug & play
- Supports Windows 2000/XP/Vista/7
- **Contents:** Docking Station, power supply, DVI/VGA adapter, USB cable, manual

**Connection to net-/notebook:**

- 1x USB 2.0 Type B F

**Connection for peripheral devices**

- 1x DVI monitor output – supports video resolutions up to 1920 x 1080
- 6x USB ports make connections quick and easy, one of them on the front side, ideal for use with memory keys and other „quick access“ devices

- Gain instant access to your keyboard, monitor, mouse and all peripherals with one USB plug
- DualView lets you expand your work area across your notebook screen and external monitor
- Dual display settings – Allows you to switch between mirror and extended video mode



**Order-No.** – Packing Unit  
**12.02.1053** – 10

ROLINE Docking Station for Net-/Notebooks, „Black and White“, DVI

## ROLINE Audio/Video Docking Station, HDMI

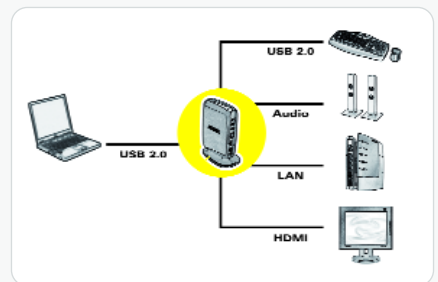
This A/V docking station is a perfect solution for a notebook to increase the available I/O ports. With only one USB port required from a notebook, USB devices (e.g. a printer, digital camera), LAN, HDMI LCD/monitor, microphone and speaker can be accessed and operated freely from the docking station.

- Extended mode for extending or Mirror mode for doubling the desktop screen
- **Contents:** Docking station, power supply, USB cable (1 m), driver CD, manual

- Connection to notebook over USB
- Compliant with USB 2.0 and 1.1
- HDMI monitor output supports Full HD video resolutions up to 1920 x 1080 (nominal)



- Connectors front side:**
- 1x USB 2.0 port
  - 2x audio channels (microphone, speaker)
- Connectors back side:**
- 1x USB Type B for computer/notebook input
  - 1x HDMI Type A port for video output
  - 3x USB 2.0 ports
  - 1x 10/100 Ethernet LAN port



**Order-No.** – Packing Unit  
**12.02.1040** – 2

ROLINE Audio/Video Docking Station, HDMI



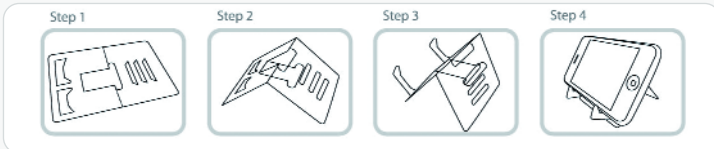
## VALUE Mini Stand for MDA

- Pocket size stand for iPod, mobile phone etc.
- Watch movies or pictures hands-free on your iPod or mobile phone
- Fits in any pocket
- Dimensions: 54 x 85 mm

**Value**



**NEW**



VALUE Mini Stand for MDA      white      **Order-No. – Packing Unit**  
**17.99.1111 – 50**

## VALUE Desktop Stand for Tablet PC, E-book

Watch movies or pictures hands-free on your iPad or Tablet PC.

- Smart and ergonomic stand for iPad and many different E-books
- Compact size, easy to carry
- E-book can be placed vertically or horizontally
- 3 adjustable angles
- Easy installation
- Dimensions: 250 x 160 mm

**Value**



**NEW**

VALUE Desktop Stand for Tablet PC, E-book      white      **Order-No. – Packing Unit**  
**17.99.1112 – 10**

## ROLINE Desktop Stand for Tablet PC, E-book

- Durable and strong desktop stand for tablet PCs (e. g. iPad) and E-books
- Pure Aluminium base, curved to the „home button“ for easy access
- Compatible with portrait and landscape modes for browsing, reading, movie viewing ...
- Charging slot for iPad cable management – charging is made invisible thanks to the charging slot
- Anti slip bars on the bottom side
- Material: Aluminium/ABS
- Color: black/silver
- Weight: ca. 210 g
- **Content:** Desktop stand



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**NEW**



ROLINE Desktop Stand for Tablet PC, E-book      **Order-No. – Packing Unit**  
**19.10.4068 – 10**

## Stand for Tablet PC, E-book

This ergonomic stand is specially designed for tablet PC (e. g. iPad) and e-book, to present it with an optimal viewing angle.

- Ergonomic and easy angle adjustment
- Brings your tablet PC or e-book into the most comfortable position
- 360° swivel function
- Compact to carry
- Colour: black
- Weight: 210 g
- Dimensions: 188 x 188 x 15 mm



**NEW**

Stand for iPad, E-book, Tablet PC      black      **Order-No. – Packing Unit**  
**19.10.4070 – 20**

## Wave Notebook Stand

- Protects you from the heat, generated by a notebook, so you can work or play comfortably with the notebook on your lap.
- Stable cooling platform for notebooks up to 43 cm
- Can be used both on your lap and desk

- Light weight, heat-shielding „fin design“ for comfortable cooling effect
- Dimensions (WxDxH): 420 x 298 x 35 mm
- Colour: Grey

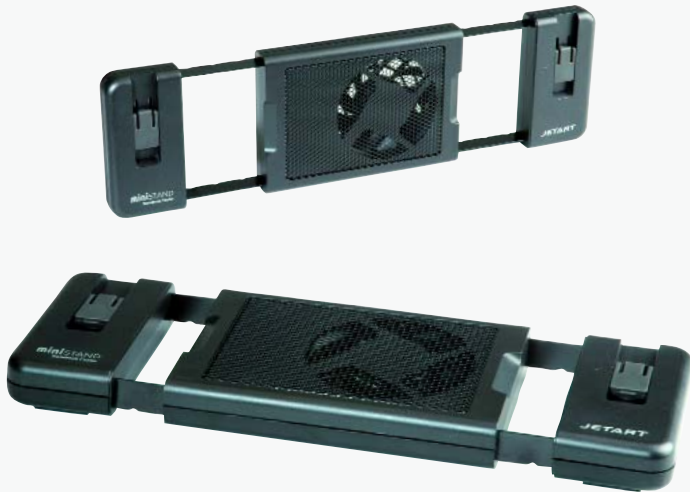


Wave Notebook Stand      **Order-No. – Packing Unit**  
**19.10.4071 – 5**

## Ministand for Net-/Notebook with Cooler

Minimum size, maximum application – The Ministand is not only designed for cooling down a notebook rapidly, its complete hidden mechanical structure also allows you to carry it easily. The adjustable width of the stand fits notebooks of different sizes.

- Fits net-/notebooks with a size between 17.8 and 31.1 cm
- Dimensions: 220 x 90 x 20 mm
- Unfolded dimensions: 320 x 105.5 x 42.6 mm
- Weight: 240 g
- Power consumption: 0.7 W
- Power supplied over integrated USB cable



Ministand for Net-/Notebook with Cooler

Order-No. – Packing Unit  
**19.10.4072 – 20**

## Notebook Stand for 35-43 cm Notebooks

- The flexible stand brings your notebook in an ergonomic position so that its TFT can be comfortably used like a common Monitor
- Stable, rotatable platform for notebooks
- Dimensions (WxL): 320 x 300 mm
- Cooling effect



Notebook Stand for 35-43 cm Notebooks

Order-No. – Packing Unit  
**19.10.4073 – 10**

## Cool Stand for Notebooks, with 2 Fans

Cool stand is designed for cooling high efficiency notebooks. Built-in ultra silent fan with powerful cooling performance, which can instantly reduce the notebook's working temperature. This improves the operation efficiency and extends its lifetime.

- Power supplied by the notebook over the integrated USB cable
- Dual storage compartment
- Weight: 795 g
- Dimensions: 400 x 260 x 51 mm
- Colour: black

- Stable, stylish and elegant platform suitable for 36-48 cm notebooks
- Two integrated silent fans (8 cm), quiet and cool



Cool Stand for 36-48 cm Notebook, with 2 Fans

Order-No. – Packing Unit  
**19.10.4069 – 10**

## ROLINE Notebook Stand for VESA 75/100

- The notebook can be fixed with a clamping device, this allows the use of different notebook types
- Fits all ROLINE monitor arms with VESA 75.
- Fits VESA 100 with Adapter 17.03.1100 (not included)
- The picture shows the notebook stand mounted on a pneumatic monitor arm (17.03.1121); this allows to optimal adapt the high and pivot of the stand to the requirement of the user



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ROLINE Notebook Stand for VESA 75/100

Order-No. – Packing Unit  
**17.03.1301 – 1**

## ROLINE Special Cleaning Spray for Smart Phones/Tablet PCs (25 ml)

- Cleaning set for iPhone, iPad, iPods mobile phone, MDA, tablet PC, smart phone
- Including microfiber cloth (20 x 20 cm)
- Fluid does not contain alcohol, contains antistatic agent, non smearing
- Ecologically friendly
- **Contents:** Cleaning spray (25 ml), microfibre cloth

**Instructions for use:**  
Switch off the iPhone, iPad, ... before cleaning. For cleaning apply liquid to the microfibre cloth. Remove any liquid residue with dry side of the cloth to avoid strains.



**roline**<sup>®</sup>  
Designed for Professionals

**Order-No. – Packing Unit**  
19.03.3145 – 1

ROLINE Touch & Clean – Cleaning Spray for Smart Phones/Tablet PCs (25 ml)

## ROLINE Professional Cleaning Wipes

- For cleaning e. g. the display of your mobile phone, smart phone etc.
- Professional microfiber cleaner
  - Efficiently wipes off dust and greasiness
  - Perfect water and oil absorbency
  - No surface scratching or streaking

- Disposable, light and ideal size for travelling
- **Contents:** 20 pcs. cleaning wipes



**roline**<sup>®</sup>  
Designed for Professionals

**Order-No. – Packing Unit**  
19.03.3141 – 50

ROLINE Professional Cleaning Wipes, 20 pcs.

## VALUE USB Adapter Set

- The USB Adapter Set is ideal for mobile office workers
- **The set contains:**
  - 1x USB retractable cable Type A M – F, 1.2 m
  - 1x USB adapter, Type A – B
  - 1x USB adapter, Type A – 5 Volt power connector
  - 1x USB adapter, Type B – PS/2 connector (for mouse)
  - 1x USB adapter, Type A M – F with over-voltage protection
  - 1x USB adapter, Type A M – M
  - 1x USB adapter, Type A – 5-pin Mini
  - 1x USB adapter, Type A – HiRose Mini
  - 1x USB adapter, Type A – Mitsumi Mini
- All these items are packed in a comfortable case with zip fastening



**Order-No. – Packing Unit**  
12.99.3000 – 10

VALUE USB Adapter Set

## VALUE Notebook Travel Kit

Large travel kit for notebook users, packed in a handy bag for easy carrying and storage purposes.

- Contents:**
- Numeric keypad with retractable USB cable
  - Slimline USB Hub, 4 ports
  - USB 2.0 card reader (SM/SD/MMC/MS/MSPRO/CF/MD)
  - Mini mouse, optical, with retractable USB cable
  - Earphone/microphone with retractable cable

- Mini USB lamp
- USB extension cable, Type A M to Type A F, retractable
- RJ-45 cable, retractable
- USB adapter, USB Type A M to 5-pin Mini
- USB adapter, USB Type A M to PS/2 F



**Order-No. – Packing Unit**  
29.99.0138 – 10

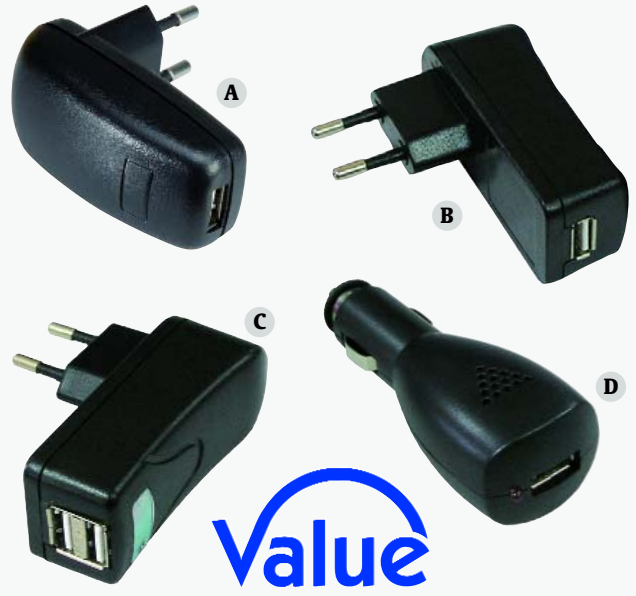
VALUE Notebook Travel Kit

## VALUE USB Power Chargers

- Wall chargers resp. car charger with 1 resp. 2 USB type A F connectors
- For power supply and charging of devices with external power supply over USB
- E.g. for MP3 players, mobile phones, smart phones etc.
- Handy to use whether at home or in the hotel

Technical data:	19.11.1051	19.99.1056	19.99.1057	19.99.1058
Input:	100-240V AC, 50-60Hz	100-240 V AC, 50-60 Hz	100-240 V AC, 50-60 Hz	12-24 V DC, 2A max.
Output:	1x USB Type A F	1x USB Type A F	2x USB Type A F	1x USB Type A F
Power:	5W (5VDC;1A)	10W (5VDC;2A)	10W (5VDC;2A)	10W (5VDC; 2A)
Dimensions:	60x70x35mm	65x36x80mm	65x36x80mm	30x35x100mm

	Order-No. – Packing Unit
VALUE USB Wall Charger, 1 Port, 5W	<b>A</b> 19.11.1051 – 20
VALUE USB Wall Charger, 1 Port, 10W	<b>B</b> 19.99.1056 – 20
VALUE USB Wall Charger, 2 Ports, 10W	<b>C</b> 19.99.1057 – 20
VALUE USB Car Charger, 1 Port, 10W	<b>D</b> 19.99.1058 – 20



## VALUE Notebook Battery Pack

- Additional battery for the most common notebooks in the market (11 different plugs included)
- E.g. for Acer, Compaq/HP, Dell, Fujitsu, IBM/Lenovo, Sony, Toshiba
- Cells: 6x Li-ion
- Power: 90 W
- Output voltage: 5 V (USB), 12 V, 14 V, 15 V, 16 V, 18 V, 18.5 V, 19 V, 19.5 V, 20 V, 22 V, 24 V
- Charging time: 3.5 hours
- Capacity: 55 Wh
- USB type A port (5 V, 2 A) for charging e.g. tablet PCs, mobile phones, smart phones, MP3 players
- Various protections for voltage, current, temperature
- Battery pack size: 185 x 115 x 16 cm
- Weight: 490 g
- **Contents:** Battery pack, power adapter, 11 different power plugs for notebooks



	Order-No. – Packing Unit
VALUE Notebook Battery Pack	<b>19.99.2001 – 2</b>

## VALUE Universal Mobile Battery Pack

- Handy mobile charger for charging e.g. tablet PCs, mobile phones, smart phones, MP3 players
- Protections for overcharge, overdischarge, overload, short circuit
- Dimensions: 50 x 40 x 22 mm
- Weight: 70 g
- Including various cell phone adapters as e.g. NOKIA, USB 2.0 Mini B, Micro B, Samsung, Sony Ericsson, Motorola
- Battery type: Li-ion battery
- Output voltage: 5 V 700 mA
- Capacity: 2200 mAh
- Charging time: 5 hours
- „Test“ button to show the remain capacity
- **Contents:** Universal mobile battery pack, retractable charging cable (0.8 m), cell phone adapters



	Order-No. – Packing Unit
VALUE Universal Mobile Battery Pack	<b>19.99.2002 – 3</b>



## VALUE Universal Notebook Power Adapters

- 19.99.2004/05/07: Output voltage is customizable for the most popular notebook types over different colour encoded adapters, e.g. for ACER, Apple, DELL, HP, IBM
- 19.99.2012/13/14: The notebook power adapter has got a function that selects the voltage automatically – the voltage will be displayed by the LEDs while the according tip is connected to the terminal of the DC cable, when the adapter is on
- Protection against:
  - Short Circuit
  - Over temperature protection
  - Over current protection
  - Over voltage protection
- Additional USB power output for charging cell phones, PDAs, MP3 players and smart phones (only 19.99.2004/05/13)

- **Contents:** Power adapter, different notebook adapter plugs, colour encoded adapters for output voltage regulation (only needed for 19.99.2004/05/07), cable set (with Euro plug or/and car cigarette lighter adapter), manual

### Secondary/spare power supplies:

- 19.99.2004, 19.99.2005, 19.99.2012 and 19.99.2014 with plug for 230 VAC

### Mobile power supplies:

- 19.99.2007 and 19.99.2013 allow notebook users to power and charge their notebooks easily while travelling by car or by airplane (only 19.99.2007)

Technical data:	19.99.2014	19.99.2012	19.99.2005
Input power:	230 VAC (Euro plug)	230 VAC (Euro plug)	230 VAC (Euro plug)
Output power:	70 W	90 W	65 W
Output voltage:	12 V-24 V	12 V-24 V	12 V-20 V
USB port:	-	-	5 V, 0.5 A
Weight:	279 g	286 g	220 g
Dimensions:	50 x 125 x 32 mm	50 x 125 x 32 mm	55 x 155 x 20 mm
	<b>19.99.2004</b>	<b>19.99.2007</b>	<b>19.99.2013</b>
Input power:	230 VAC (Euro plug)	12 VDC (car/air)	12 VDC (car)
Output power:	100 W	72 W	90 W
Output voltage:	15 V-20 V	15 V-24 V	9.5 V-24 V
USB port:	5 V, 1 A	-	5 V, 2 A
Weight:	295 g	130 g	253 g
Dimensions:	60 x 145 x 21 mm	95 x 42 x 21 mm	50 x 110 x 30 mm

	Order-No. – Packing Unit
VALUE Universal Notebook Power Adapter 70W, AC in	<b>A 19.99.2014 – 5</b>
VALUE Universal Notebook Power Adapter 90W, AC in	<b>A 19.99.2012 – 5</b>
VALUE Net-/Sub-Notebook Power Adapter, 65W	<b>B 19.99.2005 – 3</b>
VALUE Net-/Sub-Notebook Power Adapter, 100W	<b>C 19.99.2004 – 3</b>
VALUE Energy Car/Air Power Adapter 72W	<b>D 19.99.2007 – 3</b>
VALUE Universal Notebook Power Adapter 90W, DC in, with USB	<b>E 19.99.2013 – 5</b>



## ROLINE Universal Notebook Power Adapters

Universal notebook power adapters for mobile use and as a spare power supply. Suitable for AC and/or DC sources. With additional USB power output for charging iPads (only 19.10.2095/97), cell phones, PDAs, MP3 players, smart phones.

- Internal over temperature shut down
- Output voltage is defined by different colour encoded smart voltage cards
- Compatible with most notebook models (e.g. Acer, Asus, Dell, HP, Lenovo)

- Protects against:
  - Over voltage
  - Over current
  - Short circuit with automatic recovery

- **Contents:** Adapter, notebook adapter plugs, voltage cards, power cables, manual

Technical data:	19.10.2095	19.10.2096	19.10.2097
Input power:	AC in (Euro plug)	DC in (car cigarette lighter)	AC in (Euro plug)/ DC in (car cigarette lighter)
Output power:	90 W	90 W	90 W
Output voltage:	15 V-24 V	15 V-24 V	16 V-20 V
USB port:	5 V, 1 A	5 V, 0.5 A	5 V, 1 A
Weight:	336 g	170 g	550 g
Dimensions:	60 x 145 x 30 mm	48 x 100 x 24 mm	65 x 155 x 30 mm

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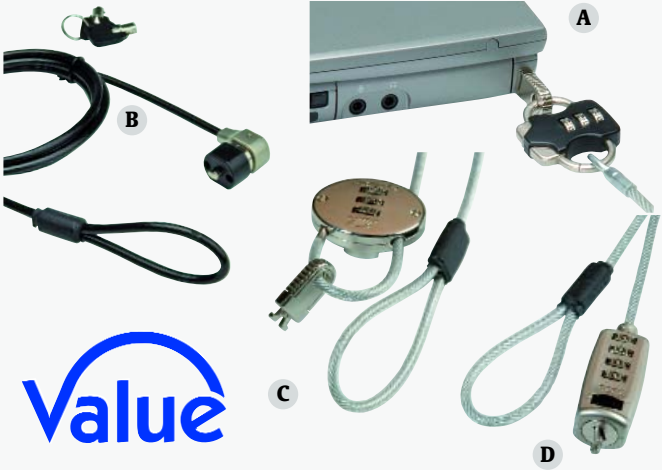
	Order-No. – Packing Unit
ROLINE Universal Notebook Power Adapter 90W, AC in, with USB	<b>A 19.10.2095 – 3</b>
ROLINE Universal Notebook Power Adapter 90W, DC in, with USB	<b>B 19.10.2096 – 3</b>
ROLINE Universal Notebook Power Adapter 90W, AC/DC in Combo, with USB	<b>B 19.10.2097 – 3</b>

## VALUE Notebook Security Locks

- Suitable for all notebooks with „security hole“
- Easy use and installation: tie the steel cable around any furniture or something like that
- Install the security hook in the „security hole“ and secure it with the security lock;

security lock is made of nickel-plated steel, with combination lock or key (19.99.3022)

- Steel cable: 4mm thick, ca. 1.9 m length with PVC coating



	Order-No. – Packing Unit
A) VALUE Multiple Purpose Security Lock	3 Numbers <b>19.99.3020 – 10</b>
B) VALUE Notebook Cable Security Lock with key	<b>19.99.3022 – 50</b>
C) VALUE Notebook Cable Security Lock	3 Numbers <b>19.99.3023 – 50</b>
D) VALUE Notebook Cable Lock	4 Numbers <b>19.99.3024 – 50</b>

## VALUE Notebook Bags, Polyester

- Top modern trendy notebook bags
- Suitable for all 38 cm/43 cm notebooks
- With additional documents compartments
- Durable material
- Spacious notebook compartments
- Adjustable shoulder strap

• Additional compartment for mobile phone, CDs etc.

Technical data:	19.99.1621	19.99.1631
Notebook format:	38 cm	43 cm
Inner dimensions:	310 x 370 x 60 mm	330 x 440 x 75 mm
Outer dimensions:	320 x 390 x 65 mm	340 x 460 x 80 mm
Colour:	black	black
Material:	Polyester	Polyester



	Order-No. – Packing Unit
VALUE Notebook Bag, 38 cm, Polyester	<b>19.99.1621 – 10</b>
VALUE Notebook Bag, 43 cm, Polyester	<b>19.99.1631 – 5</b>

## VALUE Hard-Shell Case for Netbook & Tablet PC

Hard-shell case for easy protection of your netbook or tablet PC, e. g. iPad.

- For 17.8 cm – 22.9 cm devices
- Outer Dimensions: 28 x 21 x 4 cm
- Material: EVA wrapped with durable nylon

• Color: black



	Order-No. – Packing Unit
VALUE Hard-Shell Case for Netbook & Tablet PC	<b>19.99.1615 – 5</b>

## VALUE Notebook Bags, Koskin

- Top modern trendy bags
- Suitable for all 38 cm/43 cm notebooks
- Durable material Koskin
- Spacious notebook compartments
- Additional document compartments and compartments for mobile phone, CDs etc.

• Adjustable shoulder strap

Technical data:	19.99.1622	19.99.1626
Notebook format:	38 cm	43 cm
Inner dimensions:	310 x 370 x 60 mm	310 x 410 x 70 mm
Outer dimensions:	320 x 420 x 110 mm	340 x 460 x 110 mm
Colour:	black	black
Weight:	1750 g	1900 g



	Order-No. – Packing Unit
VALUE Notebook Bag, 38 cm, Koskin	<b>19.99.1622 – 5</b>
VALUE Notebook Bag, 43 cm, Koskin	<b>19.99.1626 – 5</b>

# Multimedia



6



<b>Headsets</b> .....	<b>6.02</b>
<b>Multimedia / Webcams</b> .....	<b>6.03</b>
<b>Video Extenders</b> .....	<b>6.03 - 6.05</b>
<b>VGA / DVI / HDMI / DP Splitters / Switches</b> .....	<b>6.06 - 6.08</b>
<b>Wireless Server</b> .....	<b>6.08</b>

## ROLINE 4 Conductor 3.5 mm Stereo Plug (speaker + microphone)

- Audio Y-cable for connection of a speaker/headphone and a microphone
- Connectors: 1x 3.5 mm stereo plug M, 2x 3.5 mm stereo plug F

- 3.5 mm stereo plug with 4 conductors
- Colour: black
- Length: 15 cm



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ROLINE 4 Conductor 3.5 mm Stereo Plug (speaker + microphone) 15 cm **Order-No. – Packing Unit**  
**11.09.4441 – 20**

## VALUE Headsets

- Ideal device for multimedia applications and video conferencing
- With integrated microphone (not 15.99.1316)
- With volume control on the cable (not 15.08.1325)
- Connection to PC over 3.5 mm stereo plug
- Cable length: ca. 1.8 m resp. 1.0 m (15.99.1303)



Order-No.	Frequency Response	Frequency Response	Output Impedance	Output Impedance	Sensibility	Sensibility
	Microphone	Loudspeaker	Microphone	Headset	Microphon	Headset
15.99.1316	–	20 Hz – 20 kHz	–	32 Ohm	–	89 dB (± 4 dB)
15.08.1325	20 Hz – 16 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-62 dB (± 3 dB)	101 dB (± 4 dB)
15.99.1301	20 Hz – 20 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-58 dB (± 2 dB)	105 dB (± 3 dB)
15.99.1302	20 Hz – 20 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-58 dB (± 2 dB)	105 dB (± 3 dB)
15.99.1303	20 Hz – 16 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-58 dB (± 3 dB)	105 dB (± 4 dB)
15.08.1309	–	20 Hz – 20 kHz	–	32 Ohm	–	112 dB (± 4 dB)
15.08.1318	20 Hz – 22 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	105 dB (± 4 dB)
15.08.1303	20 Hz – 20 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	98 dB (± 4 dB)
15.08.1304	100 Hz – 10 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	98 dB (± 4 dB)
15.08.1324	100 Hz – 10 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	116 dB (± 4 dB)
15.08.1326	100 Hz – 10 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	n/a

Order-No.	Frequency Response	Frequency Response	Output Impedance	Output Impedance	Sensibility	Sensibility
	Microphone	Loudspeaker	Microphone	Headset	Microphon	Headset
15.99.1316	–	20 Hz – 20 kHz	–	32 Ohm	–	89 dB (± 4 dB)
15.08.1325	20 Hz – 16 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-62 dB (± 3 dB)	101 dB (± 4 dB)
15.99.1301	20 Hz – 20 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-58 dB (± 2 dB)	105 dB (± 3 dB)
15.99.1302	20 Hz – 20 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-58 dB (± 2 dB)	105 dB (± 3 dB)
15.99.1303	20 Hz – 16 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-58 dB (± 3 dB)	105 dB (± 4 dB)
15.08.1309	–	20 Hz – 20 kHz	–	32 Ohm	–	112 dB (± 4 dB)
15.08.1318	20 Hz – 22 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	105 dB (± 4 dB)
15.08.1303	20 Hz – 20 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	98 dB (± 4 dB)
15.08.1304	100 Hz – 10 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	98 dB (± 4 dB)
15.08.1324	100 Hz – 10 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	116 dB (± 4 dB)
15.08.1326	100 Hz – 10 kHz	20 Hz – 20 kHz	2.2 kOhm	32 Ohm	-54 dB (± 3 dB)	n/a

## GrabBeeX + USB 2.0 Video Grabber

- GrabBeeX+ is the bridge between PC/notebook and camcorder, analogue camera or other video sources. Size and current consumption predestine GrabBeeX+ for mobile use with notebooks.
- Applications: video-recording, snapshots, video E-mail, video observance

- Captures up to 25 pictures per second (720 x 576 pixel with PAL)
- High quality video compression to increase the data rate
- Snapshot function: Captures single pictures with 640 x 480 pixels
- Video systems: NTSC, PAL and SECAM
- Power supplied by USB port, low current consumption

- **System requirements:** Pentium III 500, 128MB RAM, USB port, sound card, Windows 98SE/2000/ME/XP/7
- **Contents:** GrabBeeX+, driver and software CD, manual



**Technical data:**  
PC connection: USB (type A Cable)  
Video inputs: Composite (Cinch F)  
S-Video (Mini DIN 10-pin)  
Video systems: NTSC, PAL and SECAM  
Dimensions (LxWxH): 81 x 30 x 14 mm

GrabBeeX+ USB 2.0 Video Grabber **Order-No. – Packing Unit**  
**15.08.1561 – 5**



## Webcam, 8 Mpix, with Microphone, driverless

Webcam with monitor clamp:

- Up to 30 frames per second live video with recommended system
- Auto exposure/white balance/color control
- Store digital video in AVI file format
- Store digital photo in JPEG and BMP file formats
- Plug & play, no drivers required



### Technical data:

Interface:	USB 2.0
Image resolution:	300K up to 8.0 Megapixel
Video capture:	640x480 up to 1600x1200
Image sensor:	CMOS
Lens:	5-element glass lens
Digital zoom:	10x
Microphone:	yes

Order-No. – Packing Unit

Webcam, 8 Mpix, with Microphone, driverless

15.08.9390 – 5

## Webcam, 5 Mpix, with Microphone and Object Illumination

Webcam with monitor clamp:

- Interface: USB 2.0 (backwards compatible with USB 1.1)
- With integrated microphone
- Image resolution: 300K up to 8.0 Mpix
- Video capture: 640\*480 up to 1600\*1200
- Sensor: CMOS image sensor
- Lens: 5-element glass lens
- Digital Zoom: 10x
- Up to 30 frames per second live video with recommended system
- Auto exposure/white balance/color control
- Store digital video in AVI file format

- Store digital photo in JPEG and BMP file formats
- Plug and play



### Technical data:

Interface:	USB 2.0
Image resolution:	300K up to 5.0 Megapixel
Video capture:	640x480 up to 1600x1200
Image sensor:	CMOS
Lens:	5-element glass lens
Digital zoom:	10x
Microphone:	yes
LED light:	yes (4 LEDs, white)
Drivers:	yes

Order-No. – Packing Unit

Webcam, 5 Mpix, with Microphone and Object Illumination

15.08.9391 – 5

## VALUE VGA-Extender over TP

- Offers the possibility to extend your VGA ports over Twisted Pair, up to 80/180/300 m
- The VGA signal strength is adjustable
- Durable metal casing
- Hardware solution, no compatibility problems

- **Remark:** 14.99.3431 does only need a power supply for the remote unit

- **Contents:** Local unit, remote unit, 2x power supply (12V DC, 600mA), VGA cable HD15 M-M (1.2 m), manual

# Value



### Technical data:

	<b>each unit</b>
VGA connection:	1x HD15 F
TP ports:	1x RJ-45
Max. resolution (nominal):	1280 x 1024 @ 60Hz
Casing:	Metal
Dimensions (WxDxH):	92 x 34 x 22 mm
Power supply:	12V DC, 1A

## ROLINE Active DVI Extender over Twisted Pair

- DVI Extender (one local and one remote unit) in combination with a twisted pair cable extends a DVI-D video signal up to 30 meters
- Max. distance from local unit to remote unit: 30 m
- Max. distance from unit to PC/monitor: 2 m
- Supports DVI-D
- Metal housing

- **Contents:** Local unit, remote unit, 2x power supply, manual

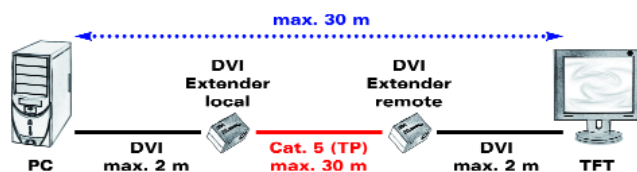
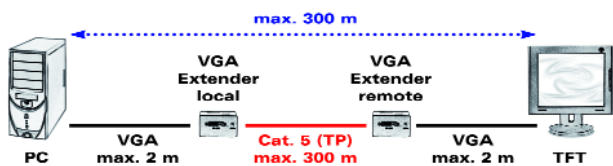
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### Technical data:

Local unit:	1x RJ-45 F, 1x DVI F
Remote unit:	1x RJ-45 F, 1x DVI F
Max. resolution (nominal):	1.600 x 1.200
Dimensions (HxBxT):	45 x 65 x 40 mm
Power supply:	5V DC, 1A



Order-No. – Packing Unit

VALUE VGA Extender over Twisted Pair	80 m	14.99.3431 – 10
VALUE VGA Extender over Twisted Pair	180 m	14.99.3430 – 10
VALUE VGA Extender over Twisted Pair	300 m	14.99.3429 – 5

Order-No. – Packing Unit

ROLINE Active DVI Extender over Twisted Pair 30 m 14.01.3402 – 5

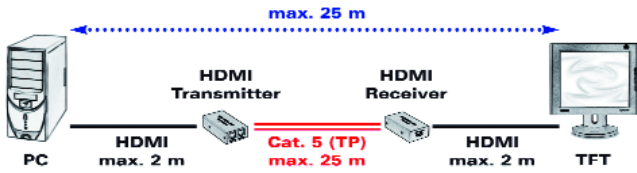
## VALUE HDMI Extender over Twisted Pair

- The transmission distance of the HDMI signal can be extended up to 25 meters by using two Cat.5e/6 cables
- Max. resolution while using two Cat.6 cables, 25 m: 1080p
- HDCP pass-through
- Power supply included in delivery

- **Contents:** Local unit (2x RJ-45 F, HDMI F), remote unit (2x RJ-45, HDMI F), power supply (5V, 2A), manual

**Technical data:**

Max. resolution (nominal): 1.920 x 1.200, 1080p  
 Local unit: 2x RJ-45 F, 1x HDMI F  
 Remote unit: 2x RJ-45 F, 1x HDMI F  
 Dimensions: 20 x 45 x 80 mm  
 Power supply: DC 5V; 2A



VALUE HDMI Extender over Twisted Pair 25 m **Order-No. - Packing Unit**  
**14.99.3460 - 5**

## ROLINE HDMI High Speed Cable, with Repeater

- For a total length of 30 meters between PC and monitor
- Integrated repeater without external power supply
- Dimensions of repeater: 15 x 23 x 75 mm

- Hardware solution, no software required
- Connectors: HDMI Type A M - M
- Cable length: 30 m
- Color: Black



ROLINE HDMI High Speed Cable, M - M, with Repeater 30 m **Order-No. - Packing Unit**  
**14.01.3465 - 1**

## ROLINE DisplayPort Repeater

- ROLINE DisplayPort repeater for an easy signal amplifying for longer lengths. The repeater has to be installed between two each up to 10 m long cables (e. g. ROLINE DisplayPort cable, 10 m: 11.04.5609)
- Signal transmission distance: up to 20 m (input 10 m, output 10 m)
- Compliant with DisplayPort 1.1a specification
- Supports high resolutions of up to 2560 x 1600 @ 60 Hz

- Supports VGA, SVGA, XGA, SXGA, UXGA, WUXGA, QXGA and WQXGA
- Supports full DisplayPort link training
- **Contents:** DisplayPort repeater, power supply

ROLINE DisplayPort Repeater **Order-No. - Packing Unit**  
**14.01.3470 - 17**

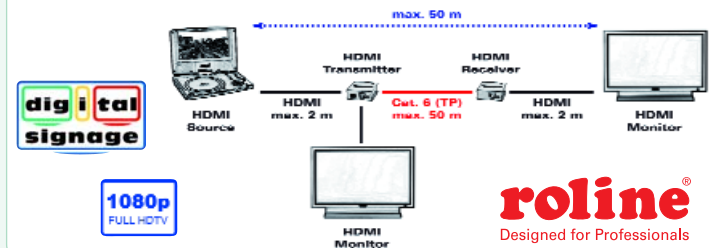
## ROLINE HDMI Extender over Twisted Pair, Cat.6

- The transmission distance of the HDMI signal can be extended up to 100 meters by using only one Cat.6 cable
- Additional HDMI port on transmitter to connect a local display
- Max. resolution (nominal) over 100 meters: 1920 x 1200, 1080p
- Works with HDMI switch, HDMI splitter and all kinds of HDMI/HDCP source and output displays
- No software installation required
- Metal housing

- Power supply included in content of delivery
- **Contents:** Transmitter (1x RJ-45 F, 2x HDMI F), Receiver (1x RJ-45 F, 1x HDMI F), 1x power supply (for transmitter), manual

**Technical data:**

Max. resolution (nominal): 1.920 x 1.200, 1080p  
 Dimensions: 25 x 77 x 64 mm  
 Power supply: 5VDC; 1A  
 Transmitter: RJ-45 F 2x HDMI F  
 Receiver: RJ-45 F 1x HDMI F



ROLINE HDMI Extender over Twisted Pair, Cat.6, 50m 50m **Order-No. - Packing Unit**  
**14.01.3461 - 5**  
 ROLINE HDMI Extender over Twisted Pair, Cat.5/6 100 m **14.01.3462 - 5**

## ROLINE HDMI High Speed Cable with Ethernet, with Repeater

- For a total length of 25 meters between computer and monitor
- Active repeater is integrated in the connectors
- Hardware solution, no software required

- No external power supply needed
- Connectors: HDMI Type A M - M
- Length: 25 m
- Color: Black



ROLINE HDMI High Speed Cable with Ethernet, M - M, with Repeater 25 m **Order-No. - Packing Unit**  
**14.01.3466 - 1**



## ROLINE Wireless Audio/Video System, HDMI

The ROLINE Wireless Audio/Video system transmits an HDMI signal wireless from an HD source device (e. g. DVD player, set-top-box, game console or a computer) to an HD TV or HD projector. So e. g. a TV set can be installed totally flexible and independent of a TV connection.

- Built-in-antenna for wireless data transmission of up to 30 m
- Resolution HDMI: Full HD 1080p (up to 1920 x 1080 nominal)
- External infrared emitter for extending the IR remote receiving function of e. g. your DVD player remote control

- For the connection of a computer there is an USB port for connection of a keyboard or mouse
- AES encryption for transmission security

- **Contents:** Sender, receiver, 2x base stand, external infrared emitter, 2x power supply, manual

**Remark:** These cables have to be ordered separately: 2x HDMI A M to HDMI A M and for the connection of a computer to the sender: 1x USB type A M to USB type A M

**Technical data:**

Max. resolution (nominal):	Full HD 1080p (1920 x 1080); SXGA (1280 x 1024)
Connectors:	1x HDMI F, 1x USB Type A F
Weight:	156 g
Dimensions (WxDxH):	160 x 90 x 25 mm
Power supply:	5 V 3 ADC



## ROLINE Wireless HDMI Audio/Video System (WiFi)

Enjoy movies, internet, games and business presentations (power point) on a big screen without cable limitation and hassling.

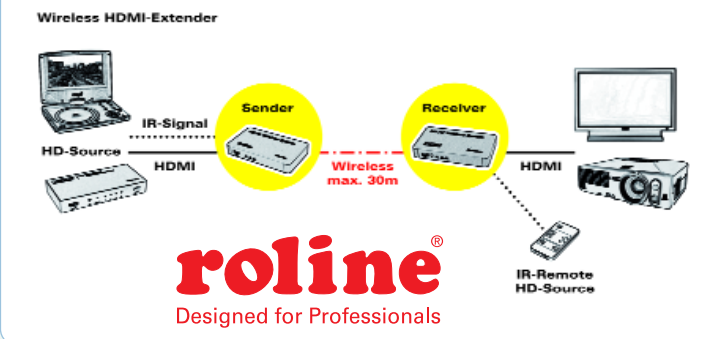
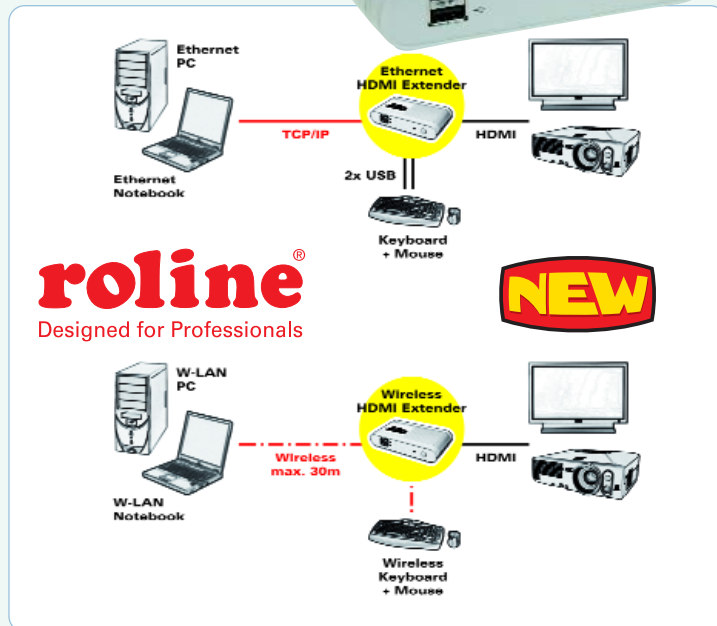
- Wireless connectivity from computer to TV, monitors, projectors via Wi-Fi
- Ideal solution for both home and office users
- Build-in WiFi module and antenna
- Supports Mirror mode: same display both on computer and TV/monitor simultaneously
- Supports Extended mode: extend display on computer and TV/monitor
- USB mouse/keyboard connection: wireless or over the 2 USB ports

- Wireless transmission up to 30 m
- Supports Stereo audio
- Output display overscan adjustable
- Complies with IEEE 802.11 b/g/n

- **Contents:** WiFi device, power supply, software CD, manual

**Technical data:**

Max. resolution (nominal):	720p
Connectors:	HDMI out, 2x USB 2.0
Dimensions (WxDxH):	133 x 71 x 27 mm
Power supply:	5 VDC, 900 mA



ROLINE Wireless Audio/Video System, HDMI **Order-No. – Packing Unit 14.01.3406 – 1**

ROLINE Wireless HDMI Audio/Video System (WiFi) **Order-No. – Packing Unit 14.01.3407 – 2**

## EDID Feeder – Multifunction EDID Adapter

- Easily connect the EDID feeder between your computer and KVM switch/extender
- Offers three different mode for your computer's Extended Display Identification Data (EDID)
- EDID Ghost (DDC Ghost):
  - Read and store (record) the EDID from the connecting display to the video extension system
- EDID Emulation:
  - Emulate EDID information ensure displaying the optimum video resolution
  - Provide a default EDID, if a display's EDID is not available
  - Alternatively perform the default or the copied EDID for the connected display device

- **EDID Writing:**
  - Upload the EDID to the connected video device
  - Write the copied or pre-programmed EDID (Default EDID) to the video extension system

- **Contents:** EDID Feeder, power supply

**Technical data:**

Max resolution (nominal):	2560 x 1600
Connectors:	2x DVI-D F
Housing:	metal
Dimensions:	22 x 51 x 80 mm



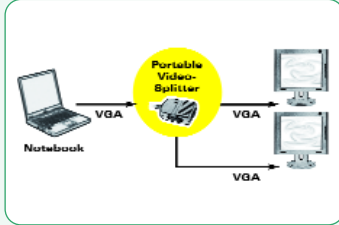
EDID Feeder – Multifunction EDID Adapter **Order-No. – Packing Unit 14.01.3412 – 1**

## VALUE Portable VGA Video Splitters

- Duplicates VGA video signals to two video outputs
- Applications: multimedia, presentations, demos, etc.
- Supports DDC and DDC2 on Port 1
- Power supply over integrated USB Type A cable

- Cascadable
- **Contents:**  
Video splitter (cable length: 65 cm + 30 cm USB cable for power supply)

<b>Technical data:</b>	<b>14.99.3523</b>	<b>14.99.3524</b>
VGA input:	1x HD15 M	1x HD15 M
VGA output:	2x HD15 F	2x HD15 F
Video bandwidth:	250 MHz	450 MHz
Max. resolution (nominal):	1920 x 1440	2560 x 2048



		<b>Order-No. – Packing Unit</b>
VALUE Portable VGA Video Splitter, 2-way	250 MHz	<b>14.99.3523 – 5</b>
VALUE Portable VGA Video Splitter, 2-way	450 MHz	<b>14.99.3524 – 5</b>



14.99.3523



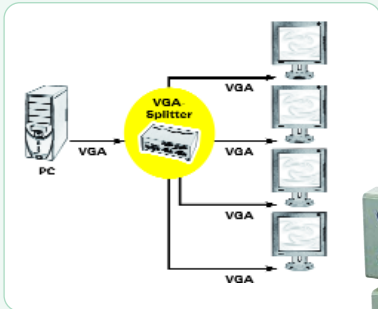
14.99.3524



## VALUE VGA Video Splitters

- Applications: multimedia, presentations, demos etc.
- Duplicates video signals to 2/4/8 video outputs

- Video-bandwidth: 250MHz



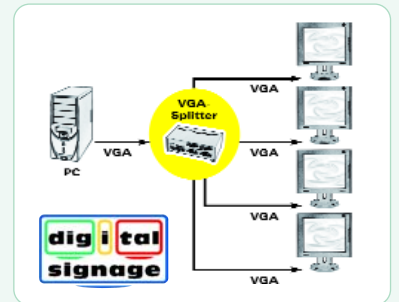
<b>Technical data:</b>	<b>14.99.3526</b>	<b>14.99.3531</b>	<b>14.99.3536</b>
Input:	1x HD15 M	1x HD15 M	1x HD15 M
Output:	2x HD15 F	4x HD15 F	8x HD15 F
Dimensions (LxWxH):	130 x 75 x 45 mm	130 x 75 x 45 mm	200 x 75 x 45 mm
Power supply:	9VDC, 600mA	9VDC, 600mA	12VDC, 800mA

		<b>Order-No. – Packing Unit</b>
VALUE VGA Video Splitter, 2-way, 250MHz		<b>14.99.3526 – 5</b>
VALUE VGA Video Splitter, 4-way, 250MHz		<b>14.99.3531 – 5</b>
VALUE VGA Video Splitter, 8-way, 250MHz		<b>14.99.3536 – 5</b>

## ROLINE VGA Video Splitters

- Duplicates one video signal to up to 8 VGA video outputs
- Ideal for high quality multimedia presentations, video conferencing and training courses
- Suitable for XGA, SVGA, VGA and multisync monitors

- Cascadable to 3 levels
- Metal casing

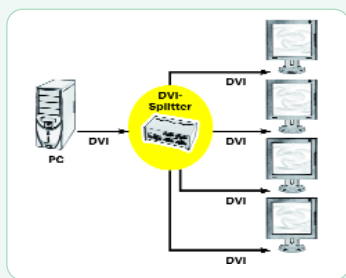


<b>Technical Data:</b>	<b>14.01.3527</b>	<b>14.01.3533</b>	<b>14.01.3538</b>
Input:	1x HD15 M	1x HD15 M	1x HD15 M
Output:	2x HD15 F	4x HD15 F	8x HD15 F
VGA bandwidth (-3db):	350MHz	450MHz	450MHz
Max resolution (nominal):	1920x1440@75Hz	1920x1440@75Hz	1920x1440@75Hz
Cable distance:	30 m	65 m	65 m
Dimensions (LxWxH):	104x98x24 mm	224x152x52 mm	224x152x52 mm

		<b>Order-No. – Packing Unit</b>
ROLINE VGA Video Splitter, 2-way, 350MHz		<b>14.01.3527 – 5</b>
ROLINE VGA Video Splitter, 2-way, 350MHz, UK Type		<b>14.01.9861 – 5</b>
ROLINE VGA Video Splitter, 4-way, 450MHz		<b>14.01.3533 – 5</b>
ROLINE VGA Video Splitter, 4-way, 450MHz, UK Type		<b>14.01.9864 – 5</b>
ROLINE VGA Video Splitter, 8-way, 450MHz		<b>14.01.3538 – 5</b>

## VALUE DVI Video Splitters

- Applications: Multimedia, presentations, demos, etc.
- Duplicates one DVI video signal to 2 or 4 DVI video outputs
- Supports cascading of splitters



# Value



Technical Data:	14.99.3502	14.99.3504
Input:	1x DVI F	1x DVI F
Output:	2x DVI F	4x DVI F
Max. resolution (nominal):	1600 x 1200	1600 x 1200
Dimensions (LxWxH):	200 x 75 x 42 mm	270 x 75 x 42 mm
Power supply:	12V DC, 1A	12V DC, 1.25A

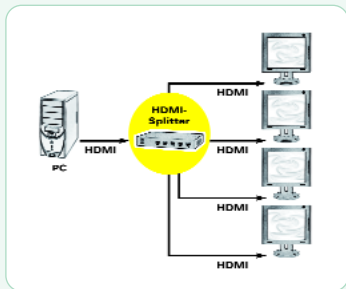


Order-No. – Packing Unit

VALUE DVI Video Splitter, 2-way	14.99.3502 – 10
VALUE DVI Video Splitter, 4-way	14.99.3504 – 10

## VALUE HDMI Video Splitters

- Duplicates the HDMI signal of one device to four/eight HDMI outputs
- E.g. for application at presentations or trainings
- Connectors: 1x HDMI F input, 4x/8x HDMI F output
- Max. resolution (nominal): 1920 x 1200
- Supports 480i, 480p, 720i, 720p, 1080i and 1080p
- On/off switch
- **Contents:** HDMI Splitter, power supply, manual



# Value



Technical data:	14.99.3506	14.99.3507
Input:	1x HDMI F	1x HDMI F
Output:	4x HDMI F	8x HDMI F
Dimensions (WxDxH):	185 x 116 x 32 mm	310 x 156 x 32 mm

Order-No. – Packing Unit

VALUE HDMI Splitter, 4-way	14.99.3506 – 10
VALUE HDMI Splitter, 8-way	14.99.3507 – 10

## ROLINE VGA Video Switches

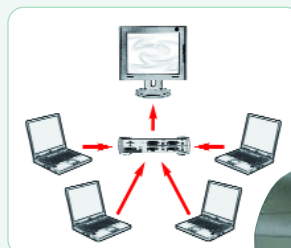
- Display the video output of 2/4 PCs on one single monitor or projector
- Example of use: 4 participants, each with his notebook, are attending a meeting. Alternately the screen of a particular notebook shall be shown to the group. By using one of the video switches a lot of time and damage of to the notebook interfaces, caused by frequent (re-) connection of the monitor cable, can be avoided.

- Computer selection via push button switch
- Electronic switching for greater reliability and durability
- Easy installation – no software required
- Power supplied by included power supply

- **Contents:** Video selector, power supply, manual

# roline

Designed for Professionals



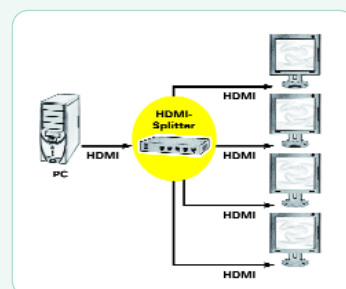
Technical data:	14.01.3542	14.01.3544
Input:	2x HD15 F	4x HD15 F
Output:	1x HD15 F	1x HD15 F
Max. resolution (nominal):	1920 x 1440	1920 x 1440
Weight:	220 g	220 g
Dimensions (WxHxD):	120 x 44 x 60 mm	120 x 44 x 60 mm

Order-No. – Packing Unit

ROLINE VGA Video Switch, 2-way	14.01.3542 – 20
ROLINE VGA Video Switch, 4-way	14.01.3544 – 20

## ROLINE HDMI Video Splitters

- Duplicates the HDMI signal of one device to up to four HDMI outputs
- E.g. for application at presentations or trainings
- Excellent video quality
- Max. resolution (nominal): 1920 x 1200, 1080p
- Status LEDs
- **Contents:** HDMI Splitter, power supply, manual



# roline

Designed for Professionals



Technical data:	14.01.3552	14.01.3554
Input:	1x HDMI F	1x HDMI F
Output:	2x HDMI F	4x HDMI F



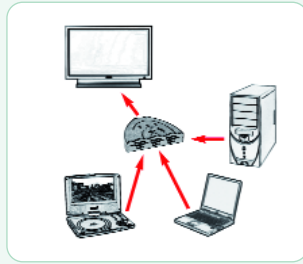
only 14.01.3552

Order-No. – Packing Unit

ROLINE HDMI Splitter, 2-way	A	14.01.3552 – 5
ROLINE HDMI Splitter, 4-way	B	14.01.3554 – 3

## VALUE HDMI Switch, Automatic

- Shows the Video output of 3 HDMI devices like e. g. a DVD player, video camera or game console on one monitor
- Video input can be switched automatically or by button on the switch
- Supports nominal resolution of up to 1920 x 1080
- Supports high-resolution display of up to 480p, 576p, 720p, 1080i, 1080p
- No power supply needed
- **Contents:** HDMI switch



**Technical data:**  
 Input: 3x HDMI A F  
 Output: 1x HDMI A M



**Order-No. – Packing Unit**  
**14.99.3565 – 5**

VALUE HDMI Switch, Automatic, 3-way

## ROLINE Wireless Projector Server, 802.11b/g/n

The Wireless Projector Server can be shared by the users over a wired or a wireless network. They can log into the presentation server simultaneously and then present one after another. There is no need to swap the cable when changing the presenter.

- Allows up to 16 users to share a projector over a wired or wireless network
- Compatible with 802.11b/g/n standards
- DHCP or fixed IP
- Wireless AP mode
- OSD menu

- Access control by PIN code
- Video output resolutions (nominal): 800x600/1024x768/1920x1440
- HDMI output resolution: up to Full HD 1080P
- Supports WEP and WPA encryption for a high level of security
- Supports various video formats: MPEG1/2/4, H.264
- Connectors: VGA, HDMI, LAN
- **Contents:** Wireless Projector Server, remote control, power supply, manual

**Order-No. – Packing Unit**  
**14.01.3404 – 2**

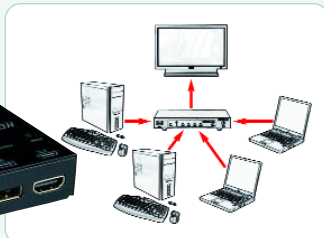
ROLINE Wireless Projector Server, 802.11b/g/n

## ROLINE HDMI/DisplayPort Switches

Allows several HDMI and DisplayPort sources to be connected to one HDMI display like e. g. a monitor, TV, projector.

- Easy switching between devices via push button
- Max. resolution (nominal): 1920 x 1080
- Plug & play, no software required

- **Contents:** Switch, power supply, manual



**Technical Data:**

Input:	<b>14.01.3572</b> 1x HDMI A F/DisplayPort F* 1x HDMI A F/DisplayPort F*	<b>14.01.3574</b> 2x HDMI A F 2x DisplayPort F
Output:	1x HDMI	1x HDMI
Max. resolution (nominal):	1920 x 1080	1920 x 1080
Dimensions (WxDxH):	157 x 65 x 20 mm	157 x 65 x 20 mm
Power supply:	5VDC; 2A	5VDC; 2A



\*) 2 ports, each with 1 HDMI connector and 1 DisplayPort connector, whereof only 1 connector can be used

**Order-No. – Packing Unit**

ROLINE HDMI/DisplayPort Switch, 2-way **14.01.3572 – 6**  
 ROLINE HDMI/DisplayPort Switch, 4-way **14.01.3574 – 6**

## ROLINE HDMI Switches, Automatic

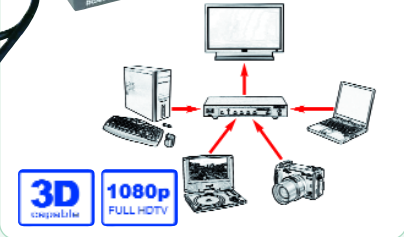
Shows the video output of 3 resp. 4 HDMI devices as e. g. a PC, DVD-player, game console or camera on one monitor.

- Automatic switch – automatically switches to the active source device which is turned on
- Easy manual selection by push button or remote control (included)
- Max. resolution (nominal): Full HD 1080p (1920 x 1080)
- Supports uncompressed audio such as LPCM

- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- **Contents:** HDMI switch, power cable (only 14.01.3563), remote control, manual



**Technical data:**  
 Input: 3x resp. 4x HDMI A F  
 Output: 1x HDMI A M resp. F



**Order-No. – Packing Unit**

ROLINE HDMI Switch, Automatic, 3-way **14.01.3562 – 10**  
 ROLINE HDMI Switch, Automatic, 4-way **14.01.3563 – 5**

## ROLINE Wireless Projector Server, 802.11b/g/n

**Technical data:**  
 Max. resolution (nominal): 1920 x 1440  
 Video output: 1x VGA; 1x HDMI



## ROLINE A/V Gigabit Ethernet Adapter, DVI, Video Splitter Function

Facilitates the usage of additional 6 DVI monitors or beamers on one computer over the network. Cloned screen content and audio is transmitted to shared monitors. You may perform a high quality presentation and DVD video by the high throughput of Gigabit Ethernet and have the content of your PC with remote access. Also ideal for in-store advertising or electronic information boards in waiting rooms.

- Remote access to your PC with USB keyboard and mouse over the Gigabit Ethernet adapter
- Max. resolution (nominal): 1920 x 1080
- Input: 1x RJ-45 (Gigabit Ethernet)
- Output: 1x DVI, 1x 3.5 mm stereo, 2x USB (for keyboard, mouse)
- Distance up to 100 meters
- Supported Operating Systems: Windows XP/Vista/7

- Share video applications on a LCD monitor or projector through Gigabit Ethernet
- Connect up to 6 displays (and speakers) to your PC as Digital Signage function

- **Contents:** A/V Gigabit Ethernet adapter, power supply, CD with drivers and manual, quick installation guide



**Order-No. – Packing Unit**

ROLINE Audio/Video Gigabit Ethernet Adapter, DVI, Video Splitter Function **14.01.3371 – 5**

# Security UPS Systems



7

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Universal Power Adapters .....	7.05
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USB Chargers .....	7.06
Battery Chargers .....	7.06



### VALUE Line Interactive UPS

- Quality protection for SOHO, small servers, workstation & PC
- Line interactive UPS
- Buck and boost AVR (auto voltage regulation)
- 50 Hz frequency auto sensing and selection
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload protection
- Advanced battery management (ABM technology)
- Telephone/modem protection
- Fanless – silent operation
- RS-232 communication port
- Automatically charging when UPS is off
- History record of power failure events
- Back up, on-line, battery status, power status display by software
- Schedule shutdown & reboot
- Cable and software included

Description	Capacity	Backup time	Dimensions (LxDxH)	Weight	Order-No. – Packing Unit
VALUE UPS 400	400VA / 280W	4 Min.	97 x 320 x 135 mm	6 kg	19.99.3404 – 3
VALUE UPS 600	600VA / 420W	3 Min.	97 x 320 x 135 mm	7 kg	19.99.3406 – 3
VALUE UPS 800	800VA / 550W	2 Min.	97 x 320 x 135 mm	7 kg	19.99.3408 – 3
VALUE UPS 1200	1200VA / 720W	2 Min.	130 x 382 x 192 mm	14 kg	19.99.3412 – 3

### Special Batteries for UPS Systems

- Maintenance free spare battery for all actual and former UPS models
- Spare battery for e.g. ROLINE, POWERWARE, FISKARS, BESTPOWER, APC and others



Description	Dimensions (LxWxH)	Weight	Order-No. – Packing Unit
Special Battery for UPS 12V 07Ah	151 x 65 x 100 mm	3 kg	19.49.1207 – 1
Special Battery for UPS 12V 09Ah	151 x 65 x 100 mm	3 kg	19.49.1209 – 1
Special Battery for UPS 12V 12Ah	151 x 98 x 100 mm	4 kg	19.49.1212 – 1
Special Battery for UPS 12V 17Ah	181 x 76 x 167 mm	7 kg	19.49.1217 – 1
Special Battery for UPS 12V 05Ah	90 x 70 x 107 mm	2 kg	19.49.1205 – 1

### ROLINE LineSecure/LineSecure II – Line Interactive UPS



LineSecure UPS works with "buck & boost" line interactive technology; used when reliable protection against strong voltage fluctuations is essential. Protect against: power failure, power sag, power surge, under voltage, over voltage.

#### Product features:

- Compact, quiet, user friendly
- Desktop and 19" RM models
- Short circuit and overload protection
- AVR (Automatic Voltage Regulation)
- ABM (Automatic Battery Management) increases battery life up to 50%
- Cooling fan
- Telephone/modem connections
- Shutdown software included
- RS232 port
- Advanced Power Management Software

#### LineSecure II additionally with:

- USB port
- Digital LCD status display
- Colour: black
- Contents: UPS, cable set, software CD

#### Technical data:

<b>Input:</b>	
Voltage range:	172 – 287 VAC
Frequency:	50 – 60 Hz / 1 phase
<b>Output:</b>	
Frequency:	50/60 Hz
Frequency stability:	±0.5%
Power factor:	0.7
Overload:	110% for 20 sec
Filter:	overvoltage; overload and short circuit; EMI/RFI

Model	Capacity	Backup time	Dimensions (WxDxH)	Weight	Order-No. – Packing Unit
<b>LineSecure</b>					
ROLINE LineSecure 1000	1000VA / 670W	3 Min.	140 x 436 x 210 mm	15 kg	19.40.1110 – 1
ROLINE LineSecure 1500	1500VA / 960W	3 Min.	170 x 450 x 226 mm	29 kg	19.40.1115 – 1
<b>LineSecure, 19" Rackmount</b>					
ROLINE LineSecure 1000 RM2U	1000VA / 670W	3 Min.	438 x 380 x 84 mm (2U)	20 kg	19.40.1111 – 1
ROLINE LineSecure 1500 RM3U	1500VA / 960W	3 Min.	438 x 380 x 130 mm (3U)	25 kg	19.40.1116 – 1
<b>LineSecure II</b>					
ROLINE LineSecure II 1000	1000VA / 670W	3 Min.	140 x 436 x 210 mm	15 kg	19.40.1112 – 1
ROLINE LineSecure II 1500	1500VA / 960W	3 Min.	170 x 450 x 226 mm	28 kg	19.40.1117 – 1
ROLINE LineSecure II 2000	2000VA / 1280W	3 Min.	170 x 450 x 226 mm	29 kg	19.40.1120 – 1
<b>LineSecure II, 19" Rackmount</b>					
ROLINE LineSecure II 1000 R	1000VA / 670W	3 Min.	483 x 430 x 84 mm (2U)	20 kg	19.40.1113 – 1
ROLINE LineSecure II 1500 R	1500VA / 960W	3 Min.	483 x 381 x 130 mm (3U)	25 kg	19.40.1119 – 1
ROLINE LineSecure II 2000 R	2000VA / 1280W	3 Min.	483 x 381 x 130 mm (3U)	30 kg	19.40.1121 – 1
<b>Accessory</b>					
ROLINE UPS 19" Rail Kit 2/3U, 58-90 cm					19.40.2177 – 1





## ROLINE DesignSecure – Line Interactive UPS

- Compact UPS with futuristic design for workstations and PCs
- AVR (Automatic Voltage Regulation)
- Digital status display
- Integrated overvoltage protection
- Telephone/modem protection
- Fanless – silent operation
- USB port
- Advanced power management software
- EMI/RFI noise filter
- Contents: UPS, cable set, UPS management software

**Technical data:**

**Input:**  
 Voltage: 230 V +/- 25%  
 Frequency: 50 Hz +/- 10% (automatic detection)  
 Breaker or protection for overload and short circuit  
 Automatic UPS shut down in case of overload

**Output (battery mode):**  
 Voltage: simulated sinus at 230 V +/- 5%  
 Frequency: 50 Hz +/- 1Hz  
 Circuit time: 2/4 milliseconds reaction time  
 Voltage regulation (AVR): 9% – 25% to nominal voltage  
 Telephone protection  
 Short circuit protection



Model	Capacity	Backup time	Dimension (WxDxH)	Weight	Order-No. – Packing unit
DesignSecure 525	525VA / 315W	4 Min.	168 x 105 x 334 mm	6.3 kg	19.40.1205 – 1
DesignSecure 625	625VA / 375W	3 Min.	168 x 105 x 334 mm	6.3 kg	19.40.1206 – 1
DesignSecure 825	825VA / 495W	2 Min.	168 x 105 x 334 mm	6.3 kg	19.40.1208 – 1
DesignSecure 1200	1200VA / 720W	2.5 Min.	192 x 130 x 382 mm	15 kg	19.40.1212 – 1
DesignSecure 2000	2000VA / 1200W	2 Min.	192 x 130 x 382 mm	16 kg	19.40.1220 – 1

## ROLINE ProSecure II – Online UPS



The ROLINE ProSecure Series – for optimum power protection. A state of the art on-line double conversion UPS. Ideal for all essential computer systems and servers. Protects against power failure, power sag, power surge, under voltage, over voltage, switch transient, line noise, frequency variation and harmonic distortion.

**Technical data:**

**Input:**  
 Input voltage range: 160 VAC – 276 VAC  
 Frequency: 50 Hz  
 Input power factor: 0.97  
 Frequency window from mains: 45 – 65 Hz  
 Synchronization window: ± 3 Hz

**Output:**  
 Output voltage: 208/220/230/240 VAC, selectable from LCD panel  
 Voltage regulation: ± 2%  
 Voltage distortion: < 5% THD at full non-linear load, < 3% THD at full linear load  
 Overload capacity: 100 – 125% 1 min., 125 – 150% 10 sec  
 Efficiency: greater than 86%

**Product features:**

- Desktop and 19" RM models
- Multilingual LCD front display
- RS232
- USB port
- Cooling fan
- Short circuit and overload protection
- AVR (Automatic Voltage Regulation)
- ABM (Automatic Battery Management) increases battery life up to 50%
- Telephone/modem protection
- Shutdown software including license for 1 server
- Advanced Power Management Software included
- SNMP card slot



Model	Capacity	Backup time	Dimension (WxDxH)	Weight	Order-No. – Packing Unit
ROLINE ProSecure II 700	700VA / 490W	5 Min.	155 x 410 x 235 mm	15 kg	19.40.1081 – 1
ROLINE ProSecure II 1000	1000VA / 700W	6 Min.	155 x 410 x 235 mm	16 kg	19.40.1082 – 1
ROLINE ProSecure II 1500	1500VA / 1050W	5 Min.	155 x 410 x 235 mm	20 kg	19.40.1083 – 1
ROLINE ProSecure II 2000	2000VA / 1400W	6 Min.	215 x 405 x 365 mm	31 kg	19.40.1084 – 1
ROLINE ProSecure II 3000	3000VA / 2100W	5 Min.	215 x 405 x 365 mm	37 kg	19.40.1085 – 1
<b>19" Rackmount (1U)</b>					
ROLINE ProSecure II 700 RM1U	700VA / 490W	6 Min.	428 x 610 x 44 mm (1U)	16 kg	19.40.1086 – 1
ROLINE ProSecure II 1000 RM1U	1000VA / 700W	5 Min.	428 x 610 x 44 mm (1U)	16 kg	19.40.1087 – 1
<b>19" Rackmount (2U)</b>					
ROLINE ProSecure II 700 RM2U	700VA / 490W	5 Min.	428 x 425 x 88 mm (2U)	16 kg	19.40.1088 – 1
ROLINE ProSecure II 1000 RM2U	1000VA / 700W	6 Min.	428 x 425 x 88 mm (2U)	17 kg	19.40.1089 – 1
ROLINE ProSecure II 1500 RM2U	1500VA / 1050W	5 Min.	428 x 425 x 88 mm (2U)	18 kg	19.40.1090 – 1
ROLINE ProSecure II 2000 RM2U	2000VA / 1400W	6 Min.	428 x 610 x 88 mm (2U)	32 kg	19.40.1091 – 1
ROLINE ProSecure II 3000 RM2U	3000VA / 2100W	5 Min.	428 x 610 x 88 mm (2U)	33 kg	19.40.1092 – 1
<b>Accessory</b>					
ROLINE UPS 19" Rail Kit 2/3U, 58-90 cm					19.40.2177 – 1

## VALUE Power Strips

- 3- and 6-way power strips with plastic housing
- Sockets are 45° rotated
- Colour: white

## Technical data:

- Wire: H05VV-F 3G 1.50 mm<sup>2</sup>
- Cable length: 1.5 m resp. 3 m
- Illuminated 2-pole rocker switch
- Max. load: 250 VAC 16 A 3600 W



## Order-No. – Packing Unit

VALUE Power Strip, 3-way, white	1.5 m	<b>19.99.1040</b> – 20
VALUE Power Strip, 3-way, with Switch, white	1.5 m	<b>19.99.1041</b> – 20
VALUE Power Strip, 3-way, white	3 m	<b>19.99.1042</b> – 10
VALUE Power Strip, 3-way, with Switch, white	3 m	<b>19.99.1043</b> – 10
VALUE Power Strip, 6-way, white	1.5 m	<b>19.99.1044</b> – 20
VALUE Power Strip, 6-way, with Switch, white	1.5 m	<b>19.99.1045</b> – 20
VALUE Power Strip, 6-way, white	3 m	<b>19.99.1046</b> – 10
VALUE Power Strip, 6-way, with Switch, white	3 m	<b>19.99.1047</b> – 10



## ROLINE Power Strips

- Six AC outlets with 45°
- 5 standard sockets plus 1 „block space“ socket
- Children safety shutters
- 1-pole rocker switch
- LED indication for protection and grounding
- Heavy duty power cord, 1.8 m length, with right angle power plug

## Technical data:

- Power rating: 230V AC/10A
- Cable: 1.8 m H05VV-F 3G 1.0 mm<sup>2</sup>

## Surge protection (only 19.07.1605 and 19.07.1610):

- Surge protection with EMI/RFI noise filter
- 10A circuit breaker, resettable

## Master/Slave function (only 19.07.1610):

- Switching threshold 8-70W, stepless switchable
- Slave mode indication



Designed for Professionals



## Order-No. – Packing Unit

ROLINE Power Strip, 6-way	<b>19.07.1600</b> – 20
ROLINE Power Strip, 6-way, Surge Protection	<b>19.07.1605</b> – 20
ROLINE Power Strip, 1 + 5-way, Master/Slave	<b>19.07.1610</b> – 20

## ROLINE Foldable Power Strip with USB Charger

- Six AC outlets with children safety shutters
- 2-port USB 2.0 charger (total 5V, 1A)
- Power bar foldable to save space
- Rocker switch with LED indicator
- Full 3-line surge protection with LED indicator
- EMI/RFI Noise Filter
- Resettable circuit breaker
- Rated current: 10 A
- Rated voltage: 250 VAC, 50 Hz



Designed for Professionals



## Order-No. – Packing Unit

ROLINE Foldable Power Strip with USB Charger	<b>19.07.1615</b> – 10
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## ROLINE Remote Wired Power Strip, 4-way

Perfect for under desk applications to stop you from crawling under the desk to toggle the power switch. Tap the foot switch to easily turn off surge protector power to eliminate stand-by power waste. In addition, the switch can be placed on the table for easy control and access by hands.

- Four AC outlets with children safety shutters
- Electrical rating: 10 A 250 V, 2300 W
- Surge protection with EMI/RFI noise filter
- Power switch with status LED
- Circuit breaker
- Length of cable to power switch: 1.2 m
- Length power cable: 1.8 m



Designed for Professionals



## Order-No. – Packing Unit

ROLINE Remote Wired Power Strip, 4-way, black	1.8 m	<b>19.07.1612</b> – 5
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## Power Distribution Block

- UK Standard distribution block
- 4 way
- Filtered version to suppress RFI available
- 2.0m cable
- BS1363A approved



## Order-No. – Packing Unit

Socket Strip, 6-way, 2.0M, UK, With Surge Protection	<b>79.07.1529</b> – 1
Socket Strip, 4-way, 2.0M, UK, With Surge Protection	<b>79.07.1530</b> – 1
Socket Strip, 4-way, 2.0M, UK	<b>79.07.1531</b> – 1

## VALUE IP Power Strip, 8-way

The VALUE IP power strip provides the on/off-switching of electrical devices over a TCP/IP network. Easily connect the VALUE IP power strip to a power supply system and the network. After allocating a free IP address, every single port can be independently switched with every common webbrowser.

• **Contents:** Power strip, power cable, rack mount brackets, CD

- For installation in a 19" cabinet, height: 1U
- Easy and quick plug & play installation
- Easy and flexible configuration over a webbrowser
- IP address fix or over DHCP
- LED indication for power status of every port
- Digital display for total power
- Mail and SNMP-Server
- Automatic circuit breaker protection
- SSL-encryption

**Technical data:**  
 Connections: RJ-45, Ethernet 10/100Mbit, front side  
 Output: 8x IEC320 C13 (10A)  
 Input: 1x IEC320 C20 (16A)  
 Rocker switch: Back side, lighted, 2-pole  
 Indication: 8 LEDs  
 Protocol: http  
 Addressing: DHCP or constant IP-address  
 Dimensions (WxDxH): 430 x 90 x 44 mm



**Order-No.** – Packing Unit  
**19.99.3405** – 1

VALUE IP Power Strip, 8-way

## VALUE IP Remote Switch Socket, 4-way

Turning On/Off of up to four connected devices over LAN. The IP remote switch socket can be configurated and switched over the own IP via WEB-Browser.

- After power failure every port resets to it's predefined switching status
- Password protection

- Predefined switch states for every port that become active after a power failure
- Watchdog feature for an automatic restart of blocked network devices
- Manual output control using buttons

• **Contents:**  
 IP Remote Switch Socket, power cable (IEC320 C13 – Schuko), output cable (IEC320 C13 – C14), patch cable, manual on CD

**Technical data:**  
 Connectors (frontside): RJ-45, Ethernet 10 Mbit, RS232 (for configuration)  
 Output: 4x IEC320 C13  
 Main switch (backside): illuminated, 2-pole  
 Indications: 4 LEDs  
 Protocols: http  
 Addressing: DHCP or constant IP-address  
 Dimensions (WxDxH): 220 x 125 x 44 mm



**Order-No.** – Packing Unit  
**19.99.3414** – 1

VALUE IP Remote Switch Socket, 4-way

## Universal Wall Power Supplies

- Power supply with 6 removable plugs (3.5/1.4x4/2.1x5/2.5x5.5/0.75x2.5/35x3.5 mm)

### Universal Wall Power Supplies (A):

- For small devices as battery alternative or spare part
- Input: 230 V/50 Hz
- Voltage (VDC): 3/4.5/6/7.5/9/12 selectable with sliding switch
- Polarity +/- reversible (with plug adaptor)
- Connection cable length: 1.5 m

### Universal Wall Power Supply 5 V (B):

- For small devices and USB hubs
- Input: 230V/50 Hz
- Output polarity: inside +, outside -
- Connection cable length: 1.5 m



**Order-No.** – Packing Unit

Universal Wall Power Supply 300mA	<b>A 19.11.1096</b> – 1
Universal Wall Power Supply 500mA	<b>A 19.11.1097</b> – 1
Universal Wall Power Supply 1000mA	<b>A 19.11.1098</b> – 1
VALUE Universal Wall Power Supply 5V 2000mA	<b>B 19.99.1060</b> – 1

## ROLINE Universal USB Power Cables

USB power cable for the connection of high-power USB devices like e.g. mobile phones, MP3-players, external HDDs.



A

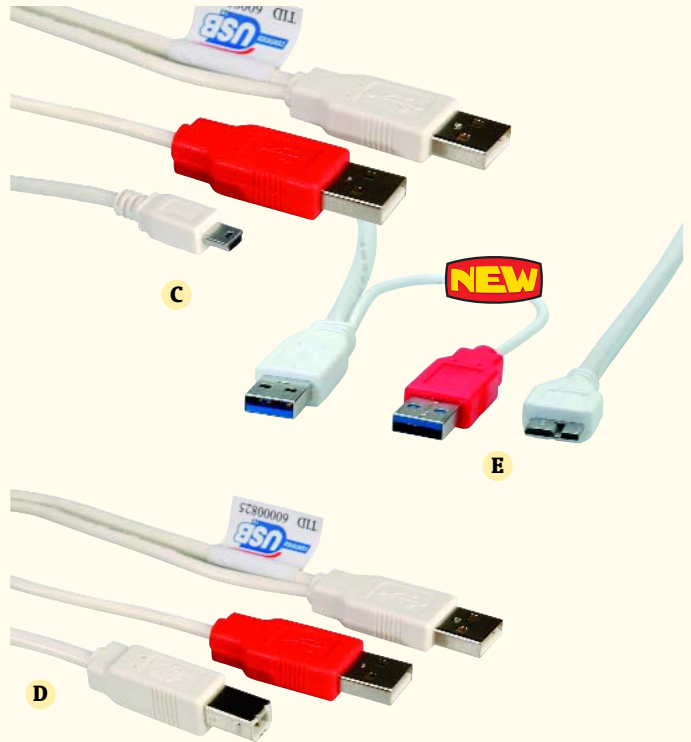


B

**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit

External Power Cable, USB A to DC Plug, black, 1 m	<b>A</b>	<b>19.08.1001 – 20</b>
USB 2.0 Y Cable, 2x Type A M – 1x Type A M, 1.8 m	<b>B</b>	<b>19.08.1005 – 20</b>
USB 2.0 Y Cable, 2x Type A M – 1x 5-pin Mini M, 1.8 m	<b>C</b>	<b>19.08.1006 – 20</b>
USB 2.0 Y Cable, 2x Type A M – 1x Type B M, 1.8 m	<b>D</b>	<b>19.08.1007 – 20</b>
USB 3.0 Y Cable, 2x Type A M – 1x Micro B M, 1.8 m	<b>E</b>	<b>19.08.1008 – 10</b>



C

**NEW**

E

D

## VALUE USB Power Chargers

- Wall chargers resp. car charger with 1 resp. 2 USB type A F connectors
- For power supply and charging of devices with external power supply over USB
- E.g. for MP3 players, mobile phones, smart phones etc.
- Handy to use whether at home or in the hotel



A



B



C



D

<b>Technical data:</b>	<b>19.11.1051</b>	<b>19.99.1056</b>	<b>19.99.1057</b>	<b>19.99.1058</b>
Input:	100-240V AC, 50-60Hz	100-240 V AC, 50-60 Hz	100-240 V AC, 50-60 Hz	12-24 V DC, 2A max.
Output:	1x USB Type A F	1x USB Type A F	2x USB Type A F	1x USB Type A F
Power:	5W (5VDC;1A)	10W (5VDC;2A)	10W (5VDC;2A)	10W (5VDC; 2A)
Dimensions:	60x70x35mm	65x36x80mm	65x36x80mm	30x35x100mm

Order-No. – Packing Unit

VALUE USB Wall Charger, 1 Port, 5W	<b>A</b>	<b>19.11.1051 – 20</b>
VALUE USB Wall Charger, 1 Port, 10W	<b>B</b>	<b>19.99.1056 – 20</b>
VALUE USB Wall Charger, 2 Ports, 10W	<b>C</b>	<b>19.99.1057 – 20</b>
VALUE USB Car Charger, 1 Port, 10W	<b>D</b>	<b>19.99.1058 – 20</b>

## VALUE Alkaline Battery Chargers

Small and handy battery chargers.

- Compact design
- Super lightweight
- **Remark: Even Alkaline batteries can be charged several times with this battery charger**
- Charge only Alkaline/Ni-MH/NiCd (AA and AAA) type batteries. Do not charge old batteries, that were not in use for a long time!
- Do not charge Carbon-Zinc batteries
- LED indicator to indicate charging/battery status

**19.99.1054:**

- Charges 1 to 4 AA or AAA Ni-MH/Ni-Cd batteries
- **Contents:** Battery charger, power cable

**19.99.1055**

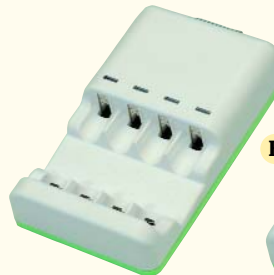
- Charges 1 or 2 AA or AAA Ni-MH/Ni-Cd batteries
- Power is provided by a notebook or computer over a Mini USB cable
- **Contents:** Battery charger, USB cable



A



B



VALUE USB Alkaline Battery Charger, 2 Batteries	<b>A</b>	<b>19.99.1055 – 20</b>
VALUE Alkaline Battery Charger, 4 Batteries	<b>B</b>	<b>19.99.1054 – 10</b>

# Test Measurement Tools



8

Cable Testers / Network Tools .....	8.02
Fiber Optic Packages .....	8.03
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Cable Ties / Installation Tools / Clips .....	8.08
Cable Tunnel Organizers .....	8.08

## Pattern Generator for HDMI

The pattern generator is a useful tool to test and calibrate a digital HDMI video/monitor

- Supports total 7 timings (up to UXGA/1080p)
- Provides 8 different patterns, including: Color bar, gray, grid, block
- Intelligent and simple functionality
- Output connector: HDMI Type A
- Pattern selection button, resolution selector switch, power/low battery LED, HDCP LED

- HDMI cable distance: max. 5 m
- Power over power supply (included) or optional PP3 (9V) battery
- **Contents:** Pattern generator, power supply, HDMI cable (1.2 m), manual

**Order-No. – Packing Unit**  
13.01.3001 – 1

Pattern Generator for HDMI



## VALUE LAN Quicker Cable Tester

For the quick test of RJ-45/UTP, RJ-45/STP cabling

- OPEN, SHORT and CROSS test function
- LED indicator on both main unit and remote unit
- Beep sound warning
- Step/Auto select function
- Low battery indication
- Auto power off
- Small size, easy to carry
- Carrying case included

- Ideal for LAN installation
- Dimensions: 104 x 78 x 33 mm
- **Contents:** Cable tester, 9V battery, carrying case



**Order-No. – Packing Unit**  
13.99.3001 – 5

VALUE LAN Quicker Cable Tester

## VALUE LAN Cable Multifunction Tester

- The tester can check UTP and STP Cat.5e, Cat.6, Cat.6a and coaxial cables
- It can identify and locate the distance to an open or short circuit

- Uses TDR (Time Domain Reflectometer) to measure the length and distance to the defective of a cable
- Identification of wiring and pin assignment
- LCD backlight display
- Low battery indication



**Order-No. – Packing Unit**  
13.99.3002 – 1

VALUE LAN Cable Multifunction Tester

## HOBBS Multinetwork Cable Tester

Continuity testing of 8-pole data lines with fitted RJ-45 connectors

Installation and service areas in telecommunications and data communications are the main application areas

The device recognises open, short-circuited and crossed connections

- Supported wiring: 10Base-T, AT&T 258A, EIA / TIA 568 and Token Ring



**Order-No. – Packing Unit**  
13.01.3392 – 20

HOBBS Multinetwork Cable Tester

## HOBBS LANtest Multinetwork Cable Tester

- Continuity testing of coax cables with BNC connectors and 8-pole data lines w. fitted RJ-45 connectors
- The device recognises open and short-circuited (wire/wire or wire/shield) connections
- A two-line display (LEDs) indicates sequentially which pin of the RJ-45 connector at cable end A is connected with which pin at cable end B and manual or automatic switch advancing is possible; in the case of a short-circuit more than two LEDs light up simultaneously

- The device has 2 RJ-45 sockets; with the supplied remote kit cables laid in the wall can also be tested
- Two adapter cables (BNC/RJ-45) are supplied for testing coax cables



**Order-No. – Packing Unit**  
13.01.3383 – 20

HOBBS LANtest Multinetwork Cable Tester

## POE Finder

PoE (Power over Ethernet) that is power over the LAN cabling becomes more and more important and is used for general applications like e.g. IP-telephony, access points, routers, newtwork cameras, etc.

The new useful PoE Finder allows the newtork administrator to find out in one second if a network cable is supplied with current. Protect old devices and quickly and easily find wires supplied with current.

The use of the PoE Finder is very easy. Just plug in the network cable that has to be tested. The LED of the PoE finder will shine if the cable is supplied with power.



**Hobbes**  
INNOVATION

Order-No. – Packing Unit  
**13.01.3342 – 1**

HOBBS PoE Finder

## Fiber Optic Packages

### Fiber Optic Package, SC Plug or ST Plug

- Fiber optic package for installing a SC connector (19.06.2010) or a ST connector (19.06.2011)
- According tools can be purchased separately: Fiber Cutter (19.06.2012), Wire Stripper (19.06.2013)

### Fiber Cutter – 19.06.2012

- Comfortable tool for cutting and braking fibre cables
- Ideal tool for Fiber Optic Package 19.06.2010/2011

### Wire Stripper – 19.06.2013

- Deluxe stripper for glass fibre optic
- With adjustment and ergonomic handles
- For stripping outer jacket
- For stripping 900  $\mu\text{m}$  buffer insulation
- For stripping 250  $\mu\text{m}$  Acrylate coating
- Ideal tool for Fiber Optic Package 19.06.2010/2011



Order-No. – Packing Unit

Fiber Optic Package, SC Plug	<b>A</b>	<b>19.06.2010 – 5</b>
Fiber Optic Package, ST Plug	<b>B</b>	<b>19.06.2011 – 5</b>
Fiber Cutter for 19.06.2010/2011	<b>C</b>	<b>19.06.2012 – 8</b>
Wire Stripper for 19.06.2010/2011	<b>D</b>	<b>19.06.2013 – 10</b>

## Fiber Optical Repairing Kit

This Fiber Optical Repairing Kit is perfect for the computer, electronics and do-it-yourselfer. If during installation work the fibre optic connector of a layed cable is breaking away and has to be repaired immediately, this repairing kit can help you. The broken or ragged connector can be repaired with the tools and consumable materials from the repairing kit without removing the cable from the laying.

- For further reparings the consumable materials of the Fiber Optical Kit can be refilled
- Solid plastic case for save carriage of all tools and consumable materials

### • Contents:

#### Fiber Optical Repairing Kit (19.06.2001):

- 1x carbide scribe
- 4x syringe
- 1x stripper
- 2x A/B fast epoxy glue
- 1x cleanser
- 1x ST polish disc
- 1x SC polish disc
- 4x wipe paper
- 1x kevlar cutter
- 1x glass working pad
- 1x crimping tool
- 1x diamond polish film, 6  $\mu\text{m}$
- 1x diamond polish film, 1  $\mu\text{m}$
- 1x aluminium oxide polish film, 0.05  $\mu\text{m}$
- 1x rubber working pad
- 3x epoxy mixer
- 3x epoxy mixer pad

#### Consumable Materials for Fiber Optical Kit (19.06.2002):

- 1x diamond polish film, 6  $\mu\text{m}$
- 1x diamond polish film, 1  $\mu\text{m}$
- 1x aluminium oxide polish film, 0.05  $\mu\text{m}$
- 1x cleanser
- 1x A/B fast epoxy glue
- 5x wipe paper
- 5x syringe
- 5x epoxy mixer
- 5x epoxy mixer pad



Order-No. – Packing Unit

Fiber Optical Repairing Kit	<b>A</b>	<b>19.06.2001 – 5</b>
Consumable Materials for Fiber Optical Kit 19.06.2001	<b>B</b>	<b>19.06.2002 – 5</b>
FO Connector ST Simplex, Multimode, for FO Repairing Kit		<b>21.17.0200 – 1</b>
FO Connector SC Simplex, Multimode, for FO Repairing Kit		<b>21.17.0205 – 1</b>

## VALUE Multifunction Crimping Tool 8P+6P+4P

- For 4/6/8-pole modular plugs
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability in the case of incorrect use
- Universally usable
- Robust metal tongs

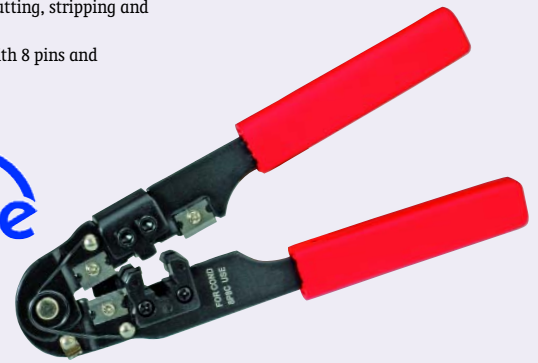


**Order-No.** – Packing Unit  
**25.99.8790** – 5

VALUE Multifunction Crimping Tool 8P+6P+4P

## VALUE Crimping Tool 8P8C

- Solid metal pliers for cutting, stripping and crimping
- For RJ-45 connectors with 8 pins and 8 contacts

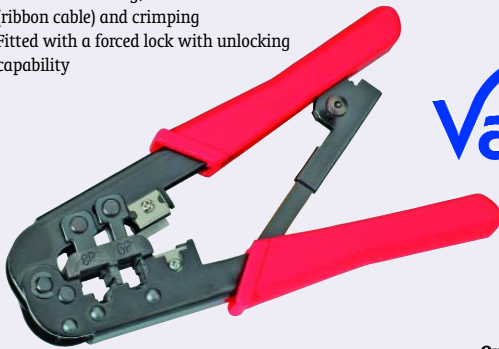


**Order-No.** – Packing Unit  
**25.99.8791** – 5

VALUE Crimping Tool 8P8C

## VALUE Universal Crimping Tool 8P8C; 6P6C; 6P4C

- For 6/8-pole crimping modular plugs (RJ-11, RJ-12, RJ-45)
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability
- Universally usable
- Robust metal tongs

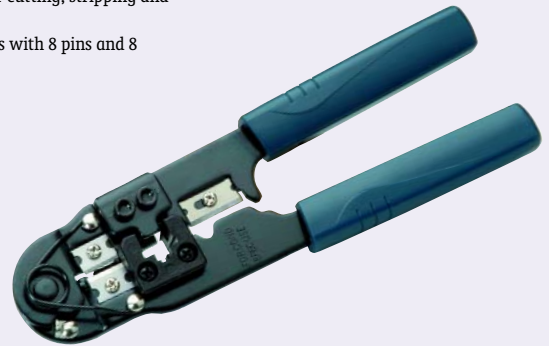


**Order-No.** – Packing Unit  
**25.99.8792** – 5

VALUE Universal Crimping Tool 8P8C; 6P6C; 6P4C

## Crimping Tool 8-Pin 8-Contact

- Solid metal plier for cutting, stripping and crimping
- For RJ-45 connectors with 8 pins and 8 contacts



**Order-No.** – Packing Unit  
**19.06.1020** – 10

Crimping Tool 8-Pin 8-Contact

## Universal Modular Crimping Tool

- For crimping modular plug: 8p8c/RJ-45, 6p6c/RJ-12 and 6p4c/RJ-11
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability
- Universally usable
- Robust metal tongs

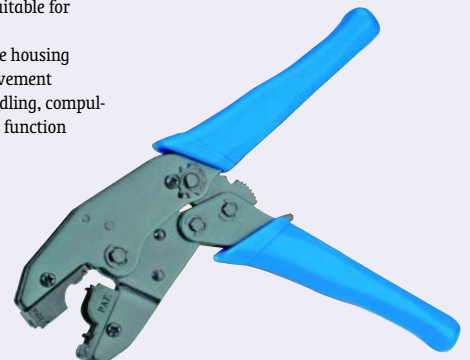


**Order-No.** – Packing Unit  
**19.06.1021** – 5

Universal Modular Crimping Tool

## Crimping Tool for HiRose RJ-45 Plug

- Special crimping tools only suitable for HiRose modular plugs
- Presses the connectors and the housing screening together in one movement
- In possible case of wrong handling, compulsory block through unlocking function
- Stable construction
- Metal



**Order-No.** – Packing Unit

Crimping Tool for Hirose RJ-45 Plug, TM11 green **19.06.1029** – 10

Crimping Tool for Hirose RJ-45 Plug, TM21 blue **19.06.1031** – 10

## Universal Crimping Tool for Modular Plugs

- For 4/6/8-pole modular plugs from AMP System WE or DEC (RJ-12 and MMJ)
- Suitable for cutting, insulation removal (ribbon cable) and crimping
- Fitted with a forced lock with unlocking capability in the case of incorrect use
- Universally usable
- Robust metal tongs



**Order-No.** – Packing Unit  
**19.06.1048** – 10

Universal Crimping Tool for Modular Plugs



## VALUE Universal Wire Stripper

Light weight, compact, cost-effective stripper, simple to operate.

- Adjustable stripping blade for different insulation thickness, prevents damage of shielding and conductors
- For stripping coaxial cables RG59, RG6, RG7/11
- For stripping round networking cables
- For stripping flat 4P/6P/8P telephone cables
- The cassette can be reversed to change different coaxial cables
- For cutting cables

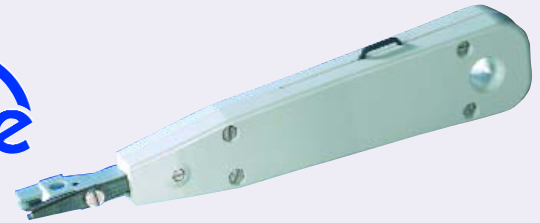


Order-No. – Packing Unit  
25.99.8793 – 6

VALUE Universal Wire Stripper

## VALUE IDC Tool

- Excellent value for money
- Punch down tool for terminating into Cat. 5 patch panels with IDC blocks



Order-No. – Packing Unit  
25.99.8799 – 20

VALUE IDC Tool

## Ratchet Screwdrivers

- These precision ratchet screwdriver sets are perfect for technicians, do-it-yourselfer and anyone who needs to carry a useful precision tool to go
- Ideal for repairing glasses, mobiles, electronic & computer or any precision equipment
- Ratchet directions: left/right/0
- The bits are stored inside the ergonomic non-slip handle
- Length: 160 mm

- **19.06.1003:**
- Pump-action design for easily and quickly auto-loading bits exchange
- Rotatable marked barrel for 6 bits pre-loading and storage
- 3x Philips bits (PH00, PH0, PH1)
- 3x slotted bits (1.5 mm, 2 mm, 3 mm)
- 4x Torx bits (T5, T6, T8, T10)

- **19.06.1001:**
- Bit magazine lowers by pressing a push button
- 3x Philips bits (PH00, PH0, PH1)
- 3x slotted bits (2 mm, 2.5 mm, 3 mm)
- 5x Torx bits (T6, T7, T8, T9, T10)



Order-No. – Packing Unit

Screwdriver 11-in-1 Pop-up Ratchet

A

19.06.1001 – 12

10-in-1 Auto Loading Ratchet Screwdriver Set

B

19.06.1003 – 25

## 12-in-1 Electronic Mini Screwdriver Set

- This kit is perfect for technicians, do-it-yourself or anyone who needs to carry a useful precision tool while travelling
- High quality CRV steel material, with deluxe leather bag
- Ideal for repairing glasses, mobiles, electronic & computer or any precision equipment

- **Contents:**
- 1 handle with fast chuck
- 3 Philips screw bits PH000, PH00, PH0
- 3 slotted screw bits 1.5, 2, 2.5 mm
- 6 T-screw bits T5, T6, T7, T8, T9, T10



Order-No. – Packing Unit

Electronic Mini Screwdriver Set, 12-in-1

19.06.2032 – 20

## Precision Screwdriver Set, Aluminium, 9 in 1

- Slotted and Phillips chrome vanadium bits for general purpose applications
- Convenient bit storage in handle
- Handy pocket clip design
- Magnetic tip holds bits securely
- Anodized aluminium alloy handle is knurled for a secure grip

- Ideal for glasses, jewelry, watches, hobby works and the most mobile applications

- **Contents:** Handle, 9 pcs. bits: slotted 2 mm, 3 mm, Phillips #000, #00, #0, #1, T-bits T4, T5, T6



Order-No. – Packing Unit

Precision Screwdriver Set, Aluminium, 9 in 1

19.06.1002 – 5

## 28-in-1 Screwdriver Set

- Mini screwdriver series
- Plastic etui
- Precasted holder for tools to avoid loss
- Heavy-duty handle made of plastic for comfortable operation
- Fast turning swivel caps on handle
- Tools made of Chrome Vanadium alloy

- **Contents:**
- 1 Handle with bit holder
- 5 Philips bits: PH000, PH00, PH0, PH1, PH2
- 5 Slotted bits: SL1.5, SL1.7, SL2, SL3, SL4
- 8 T-bits: T5, T6, T7, T8, T9, T10, T15, T20
- 7 Hex bits: HN3, HN3.5, HN4, HN4.5, HN5, HN5.5, HN6
- 2 U shape antenna remover
- 1 Hex bit extender
- Leather casing



Order-No. – Packing Unit

28-in-1 Screwdriver Set

19.06.2085 – 20

## Precision Pliers + Screwdriver Set, 19-piece

- This kit is perfect for technicians, do-it-yourself or anyone who needs to carry a useful precision tool while travelling
- High quality CRV steel material, with deluxe bag in red and black colour
- Ideal for repairing glasses, mobiles, electronic & computer or any precision equipment

- Contents:**
- 1 long long-nose plier
  - 1 long-nose plier
  - 1 angled long-nose plier- 1 flat-nose plier
  - 1 crusher
  - 1 wire cutting plier
  - 1 tweezers
  - 3 Philips screwdrivers PH00 x50 mm, PH0 x50 mm, PH1 x50 mm
  - 3 slotted screwdrivers 2 x50 mm, 2,5 x50 mm, 3 x50 mm
  - 6 torx screwdrivers T6 x50 mm, T7 x50 mm, T8 x50 mm, T9 x50 mm, T10 x50 mm, T15 x50 mm



Order-No. – Packing Unit

Precision Pliers + Screwdriver Set, 19-piece

19.06.2033 – 20

## Electronic Precision Tool-Kit

- All the necessary tools in a mini zipper bag (245 x 140 x 40 mm)
- The right equipment wherever you are
- 1 Tweezer: Fine tip straight (120 mm)
- 1 Sliding magnifier
- 1 Flash light

- Contents:**
- 2 Precision screwdrivers: 2.0x50, 2.4x 50
  - 2 Precision Philips screwdrivers: #100x50, #0x75
  - 2 Screwdrivers: slot: 5x100, Philips: 1x100
  - 2 Pliers: side cutter (127 mm), long nose (152 mm)



Order-No. – Packing Unit

Electronic Precision Tool-Kit

19.06.2029 – 30

## Electronics Master Kit

- Ideal for electronic / electric telecommunications and computer service workers

- Contents:**
- 127 mm side cutter
  - 127 mm long nose plier
  - 114 mm bent nose plier
  - 152 mm side cutter
  - 152 mm long nose plier
  - 203 mm combination plier
  - 241 mm water pump plier
  - 241 mm crimping tool
  - 6 pcs. precision screw drivers
  - Duplex colour screw drivers: Phillips: 3x75, 5x, 6x100, 6x38 mm / slotted: 3x75, 5x, 6x100, 6x38 mm / Nut: 5 mm, 6 mm
  - Testing driver
  - Alignment driver
  - Utility knife
  - 152 mm tweezers
  - IC Extractor
  - 7 pcs. Folding type hex key wrench
  - Brush
  - 3 prong holder
  - Flash light
  - Inspection mirror
  - 6 pcs. Open-end wrench set
  - 152 mm stainless scissors
  - 5 pcs. File set
  - 152 mm adjustable wrench
  - 3 pcs. soldering aid kit
  - Utility component storage box
  - Carpenter hammer
  - Oil can
  - Parts tube
  - Heat sink
  - 3.3 m measuring ruler
  - Solder wick
  - Soldering iron stand
  - Solder core
  - Desoldering pump
  - 30 W ceramic 3 way soldering iron
  - 2 pcs. removable pallets
  - Tool-carrying case (456 x 330 x 105 mm)
  - Lockable
  - Colour: grey



Order-No. – Packing Unit

Electronics Master Kit

19.06.2045 – 2

## Computer Tool Case, 61-piece

This tool case is perfect for the computer, electronics and do-it-yourselfer. It includes all the most frequently need to repair or maintenance computer or TV, radio set and other electronic equipments.

### • Contents:

- 25 Watt soldering iron
- Soldering iron stand
- 15 gr. solder
- Vacuum desoldering tool
- Fine point/cutting probe
- 3-prong retriever
- IC inserter/extractor
- Crimping tool wire cutter stripper
- Inspection mirror
- 102 mm precision long-nosed pliers
- 89 mm precision diagonal cutting pliers
- Screwdriver handle w/nut driver head 6mm
- Philips bit: # 1, #2, #3
- Slotted bit: 4 mm, 5 mm, 6 mm
- Hex bit: 1.5mm, 2mm, 2.3mm, 3.1mm, 4mm
- Torx bit: T5, T8, T10, T20

- Nut-driver: 6 mm, 5 mm, 5.5 mm, 7.9 mm, 7.1 mm
- Precision screwdriver Philips: #0
- Slot: 3.1 mm
- Magnetic telescoping P/U tool
- Stainless tweezers
- Stainless clamp on tweezers
- Snap-Blade knife
- Parts tube
- Part box
- 20 ties



Order-No. – Packing Unit

Computer Tool Case, 61-piece

19.06.2040 – 7

## Electronic Troubleshooting Kit, 39-piece

This tool case is perfect for the computer, electronics and do-it-yourselfer. It includes all the most frequently need to repair or maintenance computer or TV, radio set and other electronic equipments.

### • Contents:

- Precision grip screwdriver: 4 pcs slotted 1.4, 2, 2.4, 3 mm / 2 pcs. Philips 2.4 mm, 3 mm
- Standard tweezer
- Snap-off blade cutters
- Solder core 15g
- 152 mm adjustable wrench: Hex wrench folding type (1, 1.5, 2, 3, 4, 5, 6 mm)
- Desoldering pump
- Soldering iron 30 Watt
- Soldering accessories: 178 mm brush-knife / 178 mm hook-scraper / 178 mm fork-spike
- 2x 152 mm side cutting plier
- 32 mm long nose plier
- 152 mm long nose plier
- 51 mm diagonal plier
- Tape measure 3.3 m

- 6 pcs. screwdriver set: 3 pcs. slotted 4.7 mm, 5.6 mm, 7.1 mm / 3 pcs. Philips 4 mm, 5 mm, 6 mm
- PVC electrical tape 10 m black
- Solder stand
- Needle file round and flat 170 mm
- Dust-brush
- Flat wrench
- Double head screwdriver (pen-form) slotted (3.2 mm) and Philips (3 mm)



Order-No. – Packing Unit

Electronic Troubleshooter Kit, 39-piece

19.06.2041 – 5

## PC Troubleshooting Tool Set, 145-piece

This tool case is perfect for the computer, electronics and do-it-yourselfer. It includes all the most frequently need to repair or maintenance computer or TV, radio set and other electronic equipments.

### • Contents:

- 3 way ratchet driver with storage
- Hollow star bits: T-8H, T-10H, T-15H, T-20H, T-25H, T-27H, T-30H, T-35H, T-40H
- Hex key set: 2 mm, 2.4 mm, 2.8, 3.2 mm, 3.6 mm, 4 mm
- Metric hex key set: 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm
- Spanner set: 4, 9, 8, 10
- Tri-wing set: 1, 2, 3, 4
- Torque set: 6, 8, 10
- Solid star bit: T-8, T-10, T-15, T-20, T-27
- #1 pozidriver bit
- #4 and #6 slotted bits
- #1 Philips bit
- Square bit: 50, 51, 52, 53
- Nutdriver socket adapter
- Bit holder
- 5-pc. nutdriver set: 4.7 mm, 6.4 mm, 7.9 mm, 8.7 mm, 9.5 mm
- 5-pc. metric nutdriver set: 6 mm, 7mm, 8 mm, 9 mm, 10 mm
- Tweezers
- Pen knife
- Needle nose pliers
- Diagonal cutting pliers
- 6-pc. precision screwdriver set
- Insulated chip extractor
- 3 pronged parts retriever

- Magnetic telescope picking up tool
- Flash light
- Wire strippers
- Deluxe wire strippers
- PC board brush
- Electrical PCV tape
- Soldering iron
- Solder remover
- Solder wire
- Solder stand
- Metal hammer with rubber
- 9 wrenches
- Mini vacuum cleaner with accessories
- 1 scalpel
- 20 cable ties
- 1 set with cable terminal attachments



Order-No. – Packing Unit

PC "Trouble-Shooter" Tool Set, 145-piece

19.06.2031 – 5

## LAN Master Engineers Tool Kit, 58-piece

This tool case is perfect for LAN, computer, electronics and do-it-yourselfer.

- Robust handle bag with two side pockets

### Kit includes:

- Fine tip straight tweezer
- Side cutter 125 mm
- Long nose plier 138 mm
- RJ-45 die set
- RJ-11 die set
- RG-58, RG-59/62, BNC/TNC die set
- RJ-22 die set
- RG-58, RG-59/62 AU BNC/TNC die set
- Supercrimp crimp tool frame
- Spring hook
- Desoldering pump
- Adjustable wrench 152 mm
- Quick heat ceramic soldering iron 110V or 220V
- Straight forceps 152 mm
- Round cable cutter
- Wire stripper tool
- Screwdriver 5 mm
- Screwdriver 6 mm
- Screwdriver # 3.2x75 mm
- Screwdriver #0x75 mm
- Screwdriver #5x75 mm
- Screwdriver #1x75 mm
- Screwdriver #2x100 mm
- Desoldering wick
- Precision wire stripper
- Punch down tool with 110/66 blades
- UTP/STP cable stripper
- Utility component storage box
- Alignment tool (200 mm/2 mm)
- Mini flash light
- 7 pcs. folding type hex key set
- Cable tie
- Blowing brush
- 6 position 4 contact flat stranded (50 pcs.)
- 4 position 4 contact flat stranded (50 pcs.)

- 8 position 8 contact round stranded (25 pcs.)
- RJ-45 protection cap. (20 pcs.)
- Solder core 63%, SN
- Extension blade 175 mm
- M3 nut blade 3 mm
- M4 nut blade 4 mm
- M4.5 nut blade 4.5 mm
- M5 nut blade 5 mm
- M5.5 nut blade 5.5 mm
- M6 nut blade 6 mm
- Super torque ratchet handle
- Philips bits: PH.0, PH.1, PH.2
- Slot bits: 3 mm, 5 mm, 6 mm
- Torx bits: T6, T7, T8, T9, T10, T15
- Wrist strap 3.3 m
- Utility knife (3 blades self loading)
- Measuring tape (3 m)
- Electrician's scissors
- Inspection mirror



Order-No. – Packing Unit

LAN Master Engineers Tool Kit, 58-piece

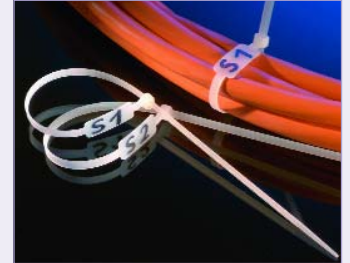
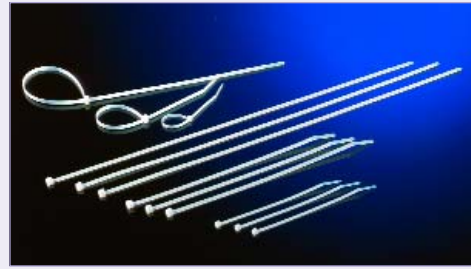
19.06.2046 – 1

## Cable Ties/Cable Tie Installation Tool

- Range of cable ties suitable for general cabling use in all indoor or outdoor applications
- Available in 4 different length (15 cm, 25 cm, 30 cm, 44 cm) and 2 different width (3.7 mm, 4.8 mm)
- Additional description field (suitable only for 19.08.3276)
- Polybag with 100 pieces each

### Installation Tool

- Tool operation: actuate trigger until cut-off occurs. Cut-off depends on the tension setting selected



		Order-No. – Packing Unit
Cable Tie, 3.7 mm, angled	15 cm	19.08.3270 – 200
Cable Tie, 4.8 mm, angled	25 cm	19.08.3272 – 100
Cable Tie, 4.8 mm	44 cm	19.08.3274 – 60
Cable Tie, 4.8 mm, with description field	30 cm	19.08.3276 – 80
Cable Tie Gun		19.06.1000 – 20

## Cable Clips

- Clips for a better cable routing
- Self-adhesive stickers for easy use
- Suitable for all types of computer cables
- Labels for easy identification included in delivery of 19.08.3260



### Contents

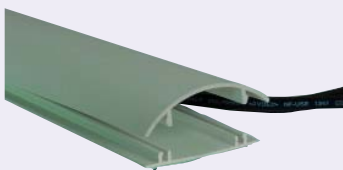
- **19.08.3265:** 10 Clips: 2x 88 mm, 2x 54 mm, 6x 27 mm width, self-adhesive sticker
- **19.08.3260:** 9 Clips: 1x 130 mm (10 channels, breakable in 2 Clips with 5 channels), 2x 60 mm, 6x 25 mm width, self-adhesive stickers, labels for cable lettering

		Order-No. – Packing Unit
Cable Clips (A)	10 pcs.	19.08.3265 – 144
Cable Clips with Labels (B)		19.08.3260 – 144

## VALUE Cable Tunnel Organizer, Closed

- Ideal for cable management
- Applicable for all computer cables
- Stable and resistant material, ideal use as a floor cable tunnel
- Bottom of tunnel has pressure sensitive tapes
- Color: Dark grey
- Dimensions (LxW): 100 cm x 6 cm

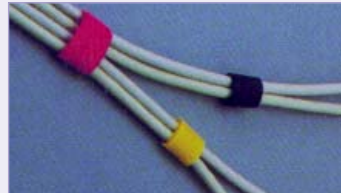
- **Content:** 1 cable-tunnel



		Order-No. – Packing Unit
VALUE Cable Tunnel Organizer, Closed, 6 cm x 100 cm		19.99.3235 – 20

## Cable Tie hook-and-loop Tape

- 10 coloured hook-and-loop tapes (21 mm)
- Suitable for all types of computer cables
- Close and open easy, but reliable



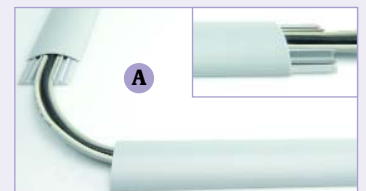
		Order-No. – Packing Unit
Cable Tie hook-and-loop Tape	10 pcs.	19.08.3250 – 200

## Cable Tunnel Organizer

- Ideal for cable management
- Applicable for all computer cables

### 19.08.3240 (Picture A):

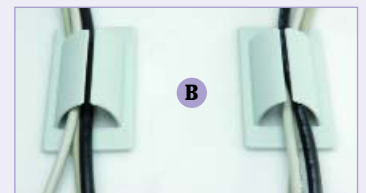
- Stable and resistant material, ideal use as floor cable tunnel
- Bottom of tunnel has pressure sensitive tapes



- **Content:** 2 cable-tunnels of 30 cm

### 19.08.3245 (Picture B):

- Bottom of tunnel has pressure sensitive tapes
- **Content:** 2 cable-tunnels of 6 / 10 cm, pressure sensitive tapes

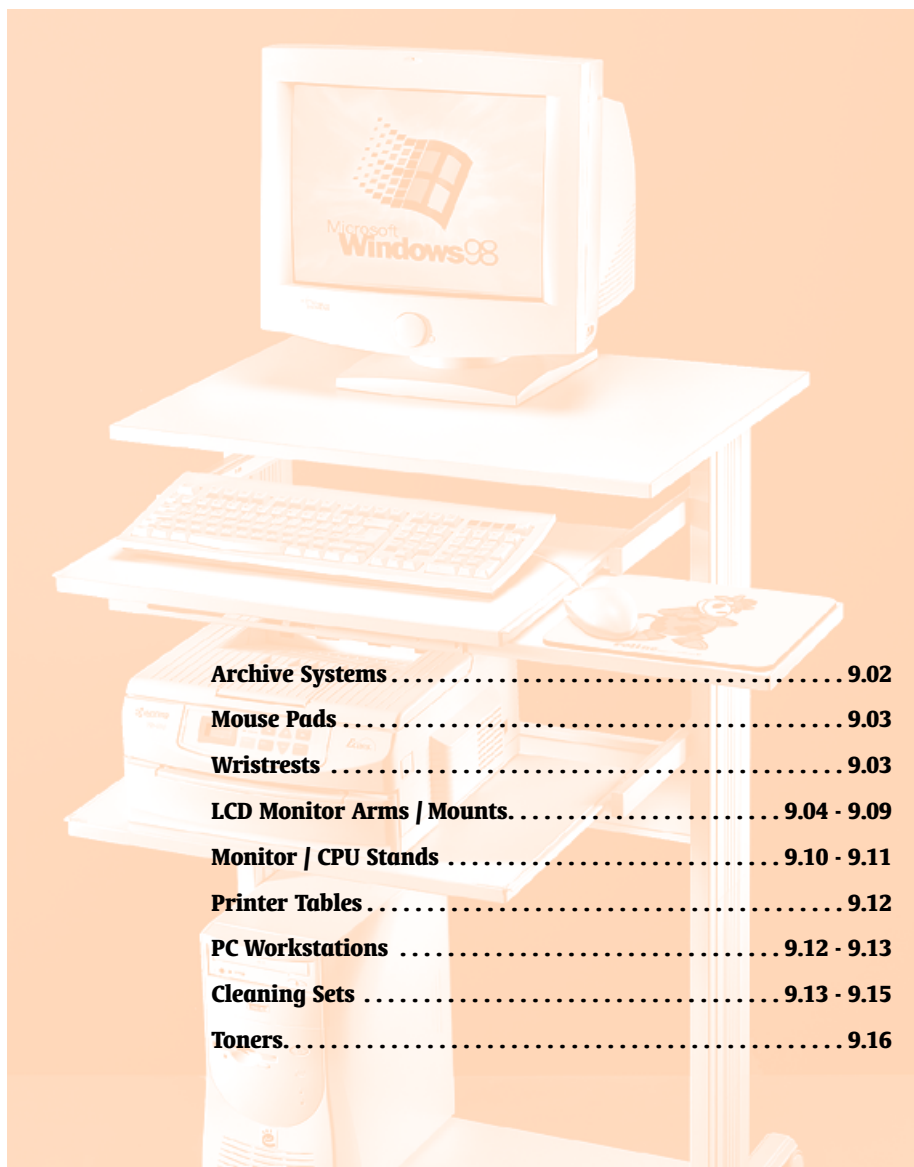


		Order-No. – Packing Unit
Cable Tunnel Organizer, Closed	A	19.08.3240 – 20
Cable Tunnel Organizer, Open	B	19.08.3245 – 20

# Office Equipment Consumables



9



<b>Archive Systems</b> .....	<b>9.02</b>
<b>Mouse Pads</b> .....	<b>9.03</b>
<b>Wristrests</b> .....	<b>9.03</b>
<b>LCD Monitor Arms / Mounts</b> .....	<b>9.04 - 9.09</b>
<b>Monitor / CPU Stands</b> .....	<b>9.10 - 9.11</b>
<b>Printer Tables</b> .....	<b>9.12</b>
<b>PC Workstations</b> .....	<b>9.12 - 9.13</b>
<b>Cleaning Sets</b> .....	<b>9.13 - 9.15</b>
<b>Toners</b> .....	<b>9.16</b>

## VALUE CD Cases

- Store your PC CDs in the same way as your original music CDs
- With CD and inlay holder
- Available in black, transparent or coloured set
- Thickness: 5.2 mm resp. 10.4 mm
- Each set consists of 5 pieces
- Double your storage space by using the slim CD cases (5.2 mm)



		Order-No. – Packing Unit
VALUE CD Case Single, 10.4 mm, black	5 pcs.	19.99.5080 – 5
VALUE CD Case Single, 10.4 mm, transparent	5 pcs.	19.99.5081 – 5
VALUE CD Slim Case Single, 5.2 mm, black	5 pcs.	19.99.5082 – 5
VALUE CD Slim Case Single, 5.2 mm, coloured	5 pcs.	19.99.5083 – 5

## VALUE DVD Cases

- Store your PC DVDs in the same way as your original movie DVDs
- With DVD and inlay holder
- Available in black (thickness: 14 mm resp. 7 mm) or transparent (thickness: 14 mm)
- Each set consists of 5 pieces
- Double your storage space by using the slim DVD cases (7 mm)



		Order-No. – Packing Unit
VALUE DVD Case Single, 14 mm, black	5 pcs.	19.99.5095 – 5
VALUE DVD Case Single, 14 mm, transparent	5 pcs.	19.99.5096 – 5
VALUE DVD Slim Case Single, 7 mm, black	5 pcs.	19.99.5097 – 5

## CD Carrying Cases 24/48 CDs

- CD carrying cases for 24 or 48 CDs
- The soft, supple storage surface material serves to protect the CDs
- CDs are inserted without their covers into the carrying case and a zip protects your CDs against dirt and dust
- Outer material: anthracite coloured EVA-synthetic material



	Order-No. – Packing Unit
VALUE CD Carrying Case for 24 CDs/DVDs	19.99.5125 – 40
VALUE CD Carrying Case for 48 CDs/DVDs	19.99.5149 – 30

## DISCGEAR DVD & CD Storage, Mobile, for 20 Discs

- Ultra portable carrying case for up to 20 CD/DVDs
- Patented double sided storage – 10 pockets store up to 20 discs
- Scratch proof pockets cradle discs
- Protective outer shell shields discs from extreme temperatures and accidental spills
- With carrying strap
- Ideal for save transportation to go or storing CDs in a car



	Order-No. – Packing Unit
DISCGEAR DVD & CD Storage, Mobile, for 20 CDs	19.04.5061 – 1

## DISCGEAR DVD & CD Storage, Automatic, for 100 Discs

Comfortable archive for your CD or DVD collection. Disc retrieval is made easy with one-touch retrieval, simply find your selection in the disc index, slide the selector to that number, press and the disc is presented to you.

- One-touch disc retrieval system – hydraulic spring automatically lifts the lid upon selection
- Protect your media – patented disc protection and scratch prevention
- Dimensions (WxDxH):  
19.04.5062: 380 x 160 x 140 mm  
19.04.5063: 340 x 160 x 140 mm

- Storage for up to 100 data discs
- Sleek, modern design complements the home or office
- Disc index slides and hides underneath the unit

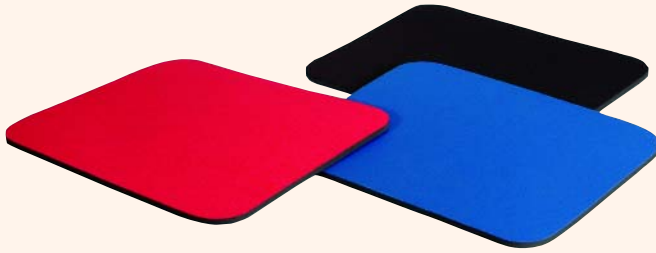


	Order-No. – Packing Unit
DISCGEAR DVD & CD Storage, Automatic, for 100 CDs	A 19.04.5062 – 1
DISCGEAR DVD & CD Storage, Automatic, Elegant, for 100 CDs	B 19.04.5063 – 1

## Mouse Pads, Cloth

- Optimal use on smooth surfaces
- Upper layer: Nylon cloth
- Optimized for optical and laser mice

• **Dimensions:** 255 x 220 x 6 mm



		Order-No. – Packing Unit
Mouse Pad, Cloth	blue	18.01.2041 – 50
Mouse Pad, Cloth	red	18.01.2042 – 50
Mouse Pad, Cloth	black	18.01.2040 – 50

## Laser Mouse Pad

- Mouse pad for optical mice, also ideal for laser mice
- Ultra flat and anti slip surface
- **Dimensions:** 220 x 180 x 0.4 mm

• **Note:** Mouse is not included in delivery



		Order-No. – Packing Unit
Laser Mouse Pad	blue	18.02.2005 – 200
Laser Mouse Pad	black	18.02.2006 – 200

## Silicon Mousepad with Wristrest

- During work with your Mouse your wrist can rest on the integrated Palmrest
- The silicon filling will adapt itself to your wrist, effective support will help you in giving you a relaxed feeling once working with your mouse

• **Colour:** transparent blue  
• **Dimensions:** 227 x 250 x 22 mm

• **Note:** Mouse is not included in delivery



		Order-No. – Packing Unit
Silicon Mousepad with wristrest, transparent blue		18.01.2029 – 24

## Optical Thin Mousepad

- Ultra thin design (0.3 mm)
- Special film allows smooth scrolling for your optical mouse
- Pinpoint mouse accuracy, provides superior tracking and control
- **Colour:** blue or grey

• **Dimensions:** diameter 180 x 0.3 mm  
• **Note:** Mouse is not included in delivery



		Order-No. – Packing Unit
Optical Thin Mousepad	blue	18.02.2002 – 200
Optical Thin Mousepad	grey	18.02.2003 – 200

## Hi-Speed Mousepad, transparent

- Hi-Speed mouse pad for pixel-accurate cursor control
- Excellent sliding properties for all current mice types
- Especially robust and non-slip material in trendy design

• **Colour:** transparent  
• **Dimensions:** 300 x 4 x 245 mm  
• **Note:** Mouse is not included in delivery



		Order-No. – Packing Unit
Hi-Speed Mousepad	transparent	18.01.2004 – 48

## Silicon Wrist Pad for Keyboard

- Great outcome for frequent PC users; it will reduce the danger of RSI (Repetitive Strain Injury)
- The silicon filling will adapt itself to your wrist, effective support will help you in giving you a relaxed feeling once working with your keyboard

• Suitable for all current keyboards (with straight side)  
• **Colour:** transparent blue  
• **Dimensions:** 455 x 80 x 22 mm



		Order-No. – Packing Unit
Silicon Wrist Pad for Keyboard, transparent blue		18.02.3033 – 20

## ROLINE VESA Adapters

**17.03.1100/17.03.1102:**

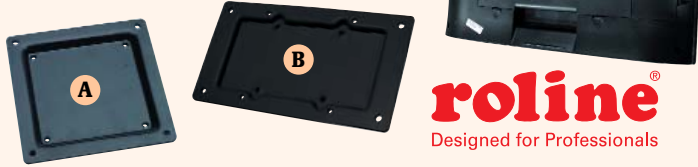
- Accommodates standard VESA 100 compliant monitors (100 x 100 mm resp. 100 x 200 mm) to mounting systems with VESA 75 (75 x 75 mm)

**17.03.1106:**

- Accommodates monitors with standard VESA 100, 200 (100 x 200 and 200 x 200 mm) to mounting systems with VESA 100 (100 x 100 mm)
- Variable adjustable

**17.03.1103:**

- Accommodates monitors with standard VESA 400, 200 (400 x 400 mm) to mounting systems with VESA 100 (100 x 100 mm)
- Variable adjustable

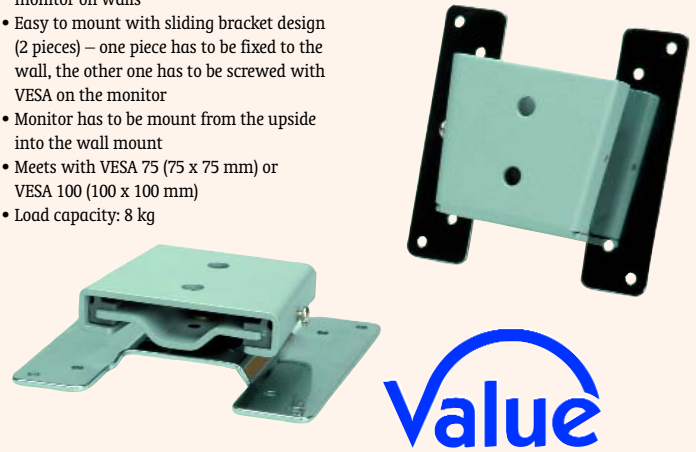


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	Order-No.	Packing Unit
ROLINE VESA Adapter	A	17.03.1100 – 1
ROLINE VESA Adapter 75x75 to 100x100/100x200	B	17.03.1102 – 1
ROLINE VESA Adapter 100x100-100x200/200x200, variable		17.03.1106 – 1
ROLINE VESA Adapter 100x100-400x400, variable	C	17.03.1103 – 1

## VALUE LCD Monitor Wall Mount Kit

- Space saving and solid mounting of a monitor on walls
- Easy to mount with sliding bracket design (2 pieces) – one piece has to be fixed to the wall, the other one has to be screwed with VESA on the monitor
- Monitor has to be mount from the upside into the wall mount
- Meets with VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Load capacity: 8 kg

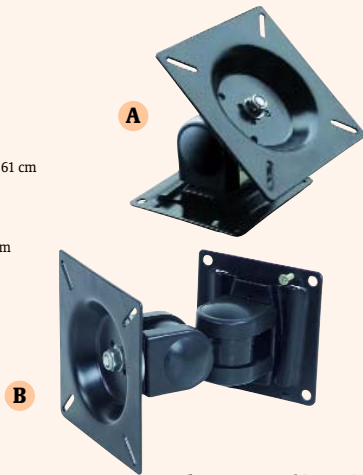


	Order-No.	Packing Unit
VALUE LCD Monitor Wall Mount Kit		17.99.1124 – 30

## VALUE LCD Monitor Wall Mount Kit

- Meets VESA standard VESA 75 (75x75 mm) and VESA 100 (100x100 mm)
- Material: Cold steel construction
- Colour: Black

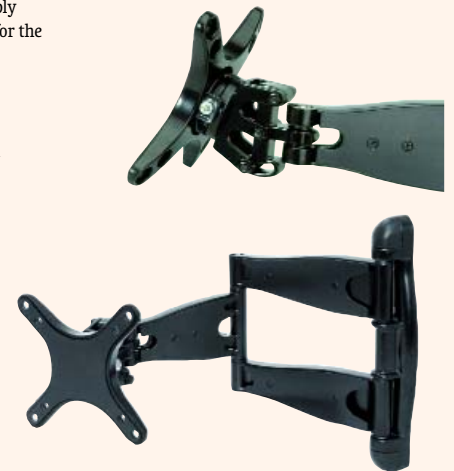
Technical data:	17.99.1120	17.99.1121
Fixing:	wall mount	wall mount
Load capacity:	15 kg	15 kg
Screen size:	36 cm up to 61 cm	36 cm up to 61 cm
Pivot function:	270°	270°
Tilttable up or down:	160°	180°
Rotatable right or left:	-	180°
Arm length:	up to 90 mm	up to 130 mm



	Order-No.	Packing Unit
VALUE LCD Monitor Wall Mount Kit (A)	1 Joint	17.99.1120 – 10
VALUE LCD Monitor Wall Mount Kit (B)	2 Joints	17.99.1121 – 10

## VALUE LCD Monitor Wall Mount, 3 Joints

- The LCD monitor arm can be flexibly adapted to the best viewing angle for the user
- For wall mounting
- Screen size: 38-55 cm
- Load capacity: 20 kg
- Extendable from 90 mm to 375 mm
- Tilting: 60° up or down
- Pivot function: 90°
- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- Colour: black

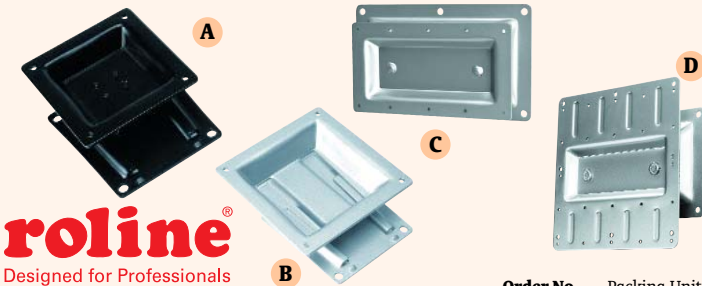


	Order-No.	Packing Unit
VALUE LCD Monitor Wall Mount, 3 Joints	black	17.99.1130 – 12

## ROLINE LCD Monitor Wall Mount Kits, HighCap

- Space saving and stable mounting of LCD monitors on walls

Technical data:	17.03.1180	17.03.1181	17.03.1182	17.03.1183
Load capacity:	1-20 kg	1-20 kg	1-35 kg	1-35 kg
VESA:	75x75 mm	100x100 mm	200x100 mm	100x100 mm and 200x200 mm

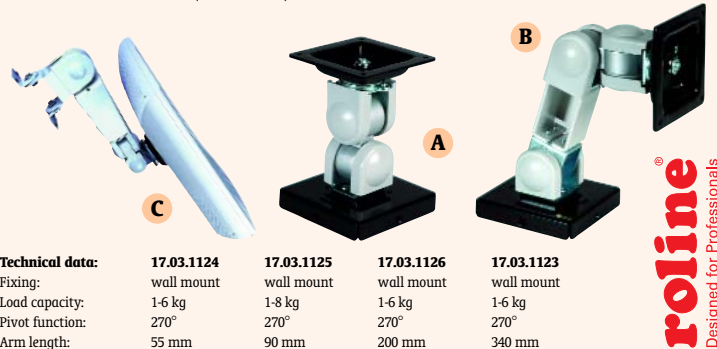


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	Order-No.	Packing Unit
ROLINE LCD Monitor Wall Mount Kit, -20 kg, VESA 75	A	17.03.1180 – 1
ROLINE LCD Monitor Wall Mount Kit, -20 kg, VESA 100	B	17.03.1181 – 1
ROLINE LCD Monitor Wall Mount Kit, -35 kg, VESA 200x100	C	17.03.1182 – 1
ROLINE LCD Monitor Wall Mount Kit, -35 kg, VESA 200 x 200 and 100 x 100	D	17.03.1183 – 1

## ROLINE LCD Monitor Wall Mount Kits

- Space saving mounting of a LCD monitor on a wall
- Meets VESA standard 75 (75 x 75 mm)
- Inclination adjustable over joints
- Pivot function



Technical data:	17.03.1124	17.03.1125	17.03.1126	17.03.1123
Fixing:	wall mount	wall mount	wall mount	wall mount
Load capacity:	1-6 kg	1-8 kg	1-6 kg	1-6 kg
Pivot function:	270°	270°	270°	270°
Arm length:	55 mm	90 mm	200 mm	340 mm

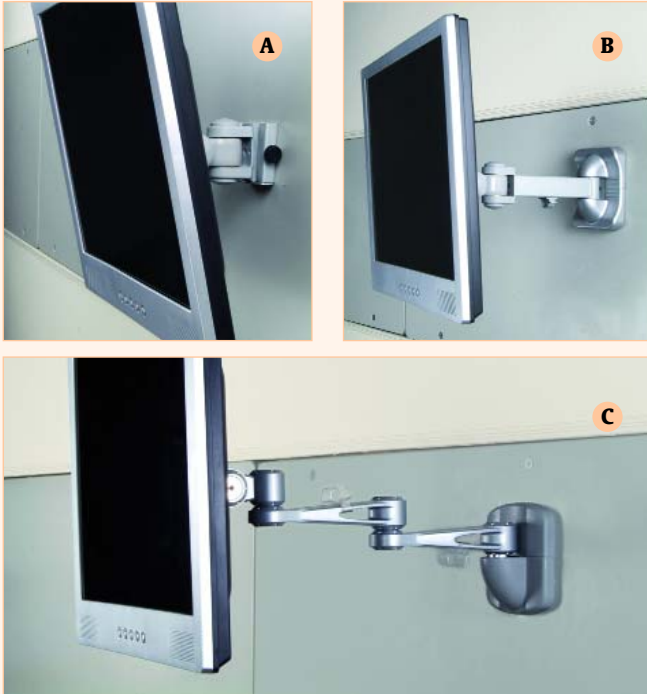
	Order-No.	Packing Unit
ROLINE LCD Monitor Wall Mount Kit		1 Joint
ROLINE LCD Monitor Wall Mount Kit		2 Joints (A)
ROLINE LCD Monitor Wall Mount Kit		3 Joints (B)
ROLINE LCD Monitor Arm Standard, Wall Mount		4 Joints (C)
		17.03.1124 – 1
		17.03.1125 – 1
		17.03.1126 – 1
		17.03.1123 – 1

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## VALUE LCD Monitor Wall Mount Kits

- Space saving and solid mounting of a LCD monitor on a wall
- Screen can be swiveled, tilted and rotated
- Meets with VESA 75 (75x75 mm) or VESA 100 (100x100 mm)



Technical data:	17.99.1125	17.99.1126	17.99.1127
Fixing:	wall mount	wall mount	wall mount
Load capacity:	up to 8 kg	up to 10 kg	up to 10 kg
Pivot function:	yes	yes	yes
Arm length:	10 cm	30 cm	45 cm

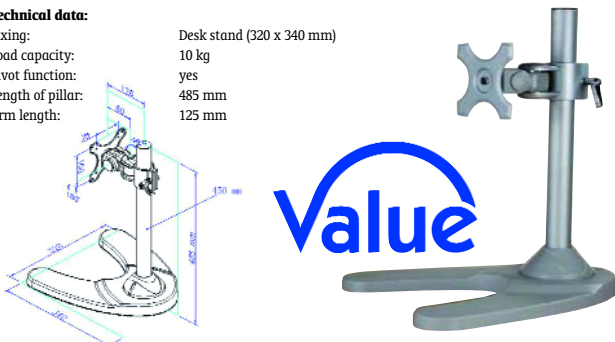
Order-No. – Packing Unit

VALUE LCD Monitor Wall Mount Kit	2 Joints (A)	<b>17.99.1125 – 12</b>
VALUE LCD Monitor Wall Mount Kit	3 Joints (B)	<b>17.99.1126 – 6</b>
VALUE LCD Monitor Wall Mount Kit	4 Joints (C)	<b>17.99.1127 – 6</b>

## VALUE Desk LCD Monitor Stand, Pivot

- This LCD monitor arm is meeting today's requirements for LCD screens together with a better screen flexibility, also by an ergonomic point of view
- Holds 36 cm, 38 cm or 43 cm LCD monitors
- Stable metal construction with heavy stand
- The height of the LCD monitor is adjustable
- Special feature: Pivot function – screen is 90° rotatable
- Universal monitor fixing of monitors with VESA 75 (75x75 mm) or VESA 100 (100x100 mm)

Technical data:	Desk stand (320 x 340 mm)
Fixing:	
Load capacity:	10 kg
Pivot function:	yes
Length of pillar:	485 mm
Arm length:	125 mm

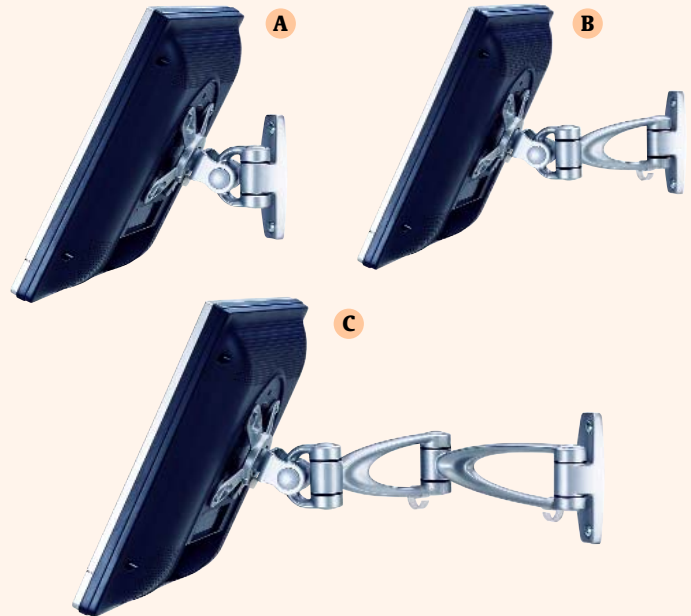


Order-No. – Packing Unit

VALUE Desk LCD Monitor Stand, Pivot	<b>17.99.1146 – 2</b>
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## ROLINE LCD Monitor Arms, Wall Mount

- Aesthetic design offers a pleasant environment
- Easy and efficient cable management
- Broad range of flexibility
- Quick and simple installation
- Material: High quality aluminum alloy
- Rotation: 180° for portrait or landscape viewing (right & left)
- Meets VESA 75 (75 x 75 mm), VESA 100 (100 x 100 mm)
- Colour: Silver



Technical data:	17.03.1187	17.03.1179	17.03.1189
Fixing:	wall mount	wall mount	wall mount
Load capacity:	1-15 kg	1-15 kg	1-15 kg
Pivot function:	180°	180°	180°
Tiltable up and down:	80°	100°	100°
Arm length:	127 cm	372 mm	477 mm

Order-No. – Packing Unit

ROLINE LCD Monitor Arm, Wall Mount	2 Joints (A)	<b>17.03.1187 – 1</b>
ROLINE LCD Monitor Arm, Wall Mount	3 Joints (B)	<b>17.03.1179 – 1</b>
ROLINE LCD Monitor Arm, Wall Mount	4 Joints (C)	<b>17.03.1189 – 1</b>

## VALUE LCD + Notebook Holder, Desk Clamp

- Holder for a notebook plus a monitor
- Mounting on the desktop with a C-clamp bracket (up to 7 cm thick)
- The notebook can be fixed with a clamping device, this allows the use of different notebook types
- Aluminum platform helps cooling the notebook
- Platform can be tilted 20°
- The height of the LCD monitor is adjustable
- Monitor arm can be extended up to 450 mm
- Arm length: 450 mm
- Meets with VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)



Order-No. – Packing Unit

VALUE LCD + Notebook Holder, Desk Clamp	<b>17.99.1103 – 2</b>
---	-----------------------

## VALUE LCD Monitor Arm, Desk Clamp

- Aluminum two-step arm with four joints
- With a C-clamp for desk mount up to 8 cm thickness
- The height of the LCD monitor is adjustable

- Meets VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)



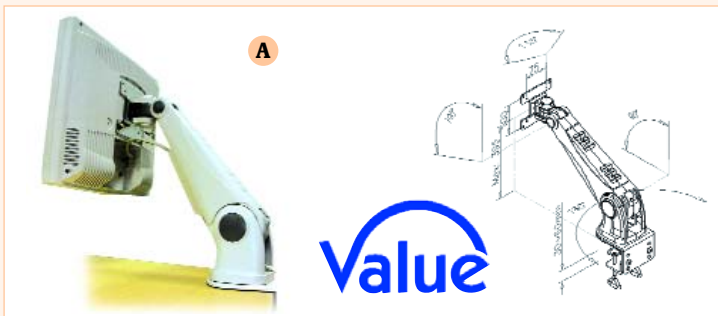
**Technical data:** 17.99.1132/3  
 Fixing: Desk clamp  
 Load capacity: 10 kg/2x 6 kg  
 Pivot function: yes  
 Arm length: 450 mm

**Order-No. – Packing Unit**

VALUE Single LCD Monitor Arm, Desk Clamp, 4 Joints	<b>A</b>	<b>17.99.1132 – 4</b>
VALUE Dual LCD Monitor Arm, Desk Clamp, 4 Joints	<b>B</b>	<b>17.99.1133 – 2</b>

## VALUE LCD Monitor Arms, Wall Mount or Desk Clamp

- Provides the screen at three positions for the most comfortable viewing level and provide the monitor or LCD TV tilt, left or right
- Fix your monitor or LCD TV to any place on the wall/desk to diversify view angles
- Dynamic arm easily provides the screen up and down front and back, left and right, fully adjustable as you need
- Meet VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)
- **17.99.1122:** Gas spring system (pneumatic arm) adjusts the screen to the most comfortable viewing position



**Technical data:** 17.99.1122  
 Fixing: desk clamp, wall mount  
 Load capacity: 8 kg  
 No. of pivots: 4  
 Arm length: 30 cm  
 Particularities: gas spring, Cable management

17.99.1123  
 desk clamp, wall mount  
 8 kg  
 4  
 25 cm  
 cable management

**Order-No. – Packing Unit**

VALUE LCD Monitor Arm Pneumatic, Wall Mount or Desk Clamp	<b>A</b>	<b>17.99.1122 – 3</b>
VALUE LCD Monitor Arm Standard, Wall Mount or Desk Clamp	<b>B</b>	<b>17.99.1123 – 4</b>

## ROLINE Single LCD Monitor Arms

- These flexible monitor arms allow the user to adjust a monitor with perfect angle of view
- Fixing by desk clamp
- The sturdy main frame can still move smoothly under heavy load
- High quality aluminum alloy
- Cable organizer is included; cables are hidden under the arm
- Meet VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)



**Technical Data:**

<b>17.03.1132/1230</b>	<b>17.03.1133</b>	<b>17.03.1134</b>
desk clamp (up to 100 mm)	desk clamp (up to 100 mm)	desk clamp (up to 100 mm)
8 kg	10 kg	12 kg
400 mm	400 mm	400 mm
620 mm	440 mm	190 mm

**Order-No. – Packing Unit**

ROLINE Single LCD Monitor Arm, 2 Joints, Desk Clamp	<b>A</b>	<b>17.03.1134 – 1</b>
ROLINE Single LCD Monitor Arm, 3 Joints, Desk Clamp	<b>B</b>	<b>17.03.1133 – 1</b>
ROLINE Single LCD Monitor Arm, 5 Joints, Desk Clamp	<b>C</b>	<b>17.03.1132 – 1</b>
ROLINE Dual LCD Monitor Arm, 4 Joints, Desk Clamp	<b>D</b>	<b>17.03.1230 – 1</b>

## ROLINE LCD Monitor Arms, Pneumatic

- These pneumatic LCD monitor arms allow you to adjust the monitor to the most comfortable viewing angle
- Arms provide up and down, left and right, front and back pivot and tilting capability
- Monitor weight adjustment
- Monitor arms with wall mount (17.03.1122) or desk clamp (17.03.1146) fixing

- Meet VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm)



**Technical data:**

<b>17.03.1122</b>	<b>17.03.1146</b>
wall mount	desk clamp
3 – 8 kg	2.5 – 5 kg
4	4
270°	270°
up to 440 mm	up to 357mm
gas spring, cable management, weight adjustment	gas spring, cable management, weight adjustment



**Order-No. – Packing Unit**

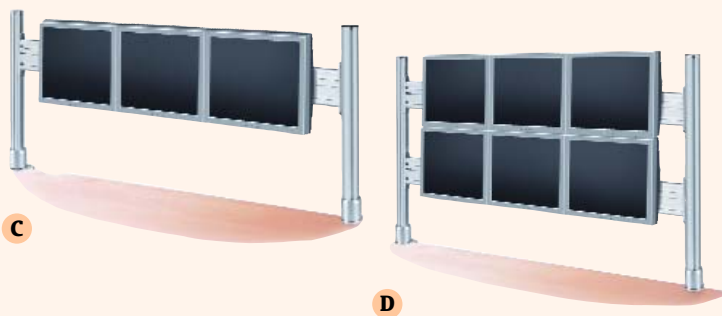
ROLINE LCD Monitor Arm Pneumatic, Pivot	Wall Mount (A)	<b>17.03.1122 – 1</b>
ROLINE LCD Monitor Stand Pneumatic, Pivot	Desk Clamp (B)	<b>17.03.1146 – 1</b>

## ROLINE LCD Monitor Arms

- Excellent solution if several monitors are required at the same time, such as in a financial institution, banking company, stock market, LAN system, IT communication company, hospital, control tower, etc.
- For wall mount resp. desk clamp
- Position of slot is adjustable to proper height
- Complete with cable organizer on the rear to route all cables



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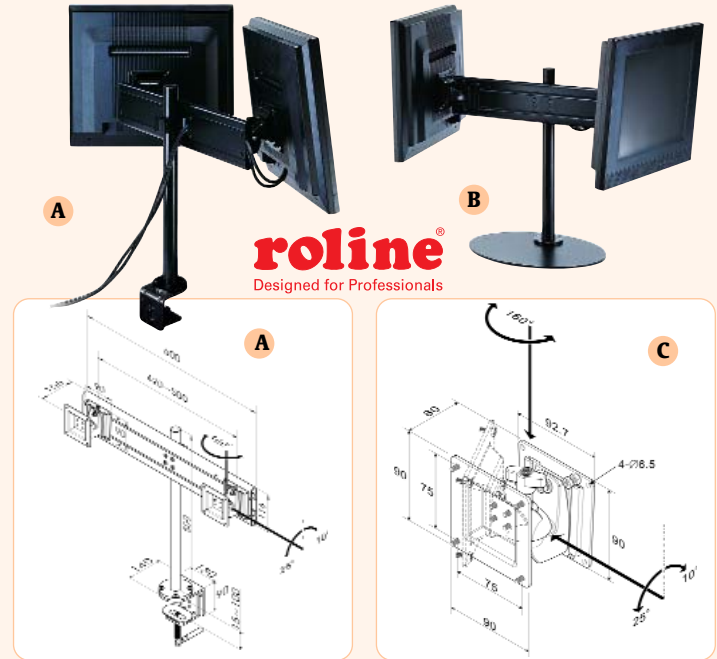


Technical data:	17.03.1161	17.03.1160	17.03.1163	17.03.1162
Fixing:	wall mount	desk clamp (up to 65 mm)	desk clamp (15-70 mm)	desk clamp (15-70 mm)
Load capacity:	30 kg	30 kg	36 kg	50 kg
Length of bridge:	1000 mm	1000 mm	1300 mm	1300 mm
Particularities:	cable management	cable management	cable management	cable management
Load capacity:	1-8 kg	1-14 kg		
VESA standard:	VESA 75	VESA 75/100		
Joints:	2	2		

	Order-No. - Packing Unit
ROLINE LCD Bridge, Wall Mount	A 17.03.1161 - 1
ROLINE LCD Bridge, Desk Clamp	B 17.03.1160 - 1
ROLINE LCD Bridge for 1x3 56 cm LCD Monitors, Desk Clamp	C 17.03.1163 - 1
ROLINE LCD Bridge for 2x3 56 cm LCD Monitors, Desk Clamp	D 17.03.1162 - 1
ROLINE Monitorfixing for Bridge, up to 8 kg	E 17.03.1165 - 1
ROLINE Monitorfixing for Bridge, up to 14 kg	17.03.1166 - 1

## ROLINE LCD Multi Monitor Mount

- The Multi Monitor Mount Series is specially designed for users who have to work with several monitors at the same time
- Carry 2 monitors on horizontal track
  - Desk clamp type (17.03.1140) or mobile desktop type with aluminium plate (17.03.1142)
  - Each fixed monitor can weigh up to 6 kg
  - Complete with cable organizer on the rear to neatly route the cables
- For the fixing of monitors with VESA 75 (75 x 75 mm) or VESA 100 (100 x 100 mm) with optional adapter (17.03.1100)
- 17.03.1144**
- Offers double pivot movement and accommodation portrait/landscape with a weight capacity of 1-6 kg
  - For VESA mounting 75 x 75 mm



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Technical data:	17.03.1140	17.03.1142	17.03.1144
Fixing:	desk clamp (up to 100 mm)	aluminium plate	-
Load capacity:	2x 6 kg	2x 6 kg	6 kg
No. of pivots:	-	2	2
Length of pillar:	500 mm	500 mm	-
Length of track:	600 mm	600 mm	-
Particularities:	cables run inside arm	cables run inside arm	-

	Order-No. - Packing Unit
ROLINE LCD Multi-Monitor Mount, 2x, desk clamp	A 17.03.1140 - 1
ROLINE LCD Multi-Monitor Mount, 2x, mobile desktop type	B 17.03.1142 - 1
ROLINE LCD Monitor Slot Mount Type	C 17.03.1144 - 1

## ROLINE LCD Hospital Arms

The LCD hospital arm is ideal for the use in hospitals, medical practices or comparable environments. Thanks to the gas spring the monitor can be easily fixed to the optimum position. Its large range allows the flexible use of a monitor all around a room, wherever the monitor is needed.

- Firm installation of LCD monitors on walls (17.03.1172) or on a ceiling (17.03.1173)
- Special plastic coating for optimal cleaning, especially for clinical environments
- Meets VESA 75 (75 x 75 mm) and VESA 100 (100 x 100 mm)

Technical data:	
Load capacity:	1 - 6 kg
No. of pivots:	5
Max. arm length:	up to 170 cm
Distance to ceiling:	120 - 180 cm (17.03.1173)

	Order-No. - Packing Unit
ROLINE LCD Hospital Arm, Wall Mount	A 17.03.1172 - 1
ROLINE LCD Hospital Arm, Ceiling Mount	B 17.03.1173 - 1

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**NEW**

## ROLINE LCD/Keyboard Holder, Desk Clamp, rotatable

- A specific workstation that allows the flexible operation with LCD monitor, keyboard and mouse
- Adjustment can be very easily done
- For desk clamp
- Meets VESA Standard 75 (75x75 mm) and 100 (100x100 mm)
- Keyboard can be fixed with a clamping device, this allows the use of different keyboard types
- Monitor and keyboard drawer can be adjusted vertically
- Mouse rest can be fixed on the left or right side of the keyboard drawer

### Wall Track System for LCD and Keyboard Arms (17.03.1151):

- Track system for installation on a wall
- Track made by material of aluminum alloy
- Can be fixed vertically or horizontally
- Following monitor arms can be used with this Track system: 17.03.1124, 17.03.1125, 17.03.1126, 17.03.1122, 17.03.1123
- As keyboard, mouse and wrist rests item 17.03.1193 can be used
- Length: 80 cm

### Keyboard, Mouse and Wrist Rest for Track (17.03.1193):

- Keyboard can be fixed with a clamping device, this allows the use of different keyboard types
- Mouse rest can be fixed on left or right side
- With wrist rest for keyboard and mouse

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Order-No. – Packing Unit

ROLINE LCD/Keyboard Holder, Desk Clamp, rotatable **A 17.03.1220 – 1**

ROLINE Wall Track System for LCD and Keyboard Arms **B 17.03.1151 – 1**

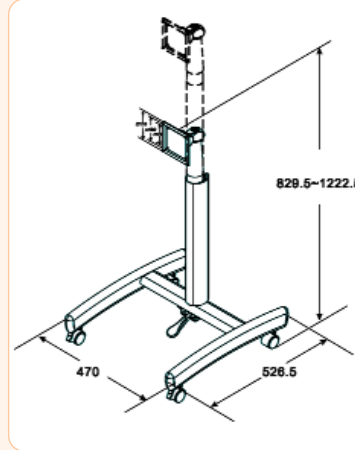
ROLINE Keyboard and Mouse Wrist Rest for Track System **C 17.03.1193 – 1**

## ROLINE LCD TV Mobile Cart

- Positions a LCD monitor in an ideal viewing position and offers a flexible use
- Gas spring inside
- With cable management
- Pedal function for easy and comfortable height adjustment
- Load capacity: up to 15 kg

- Screen size: up to 66 cm
- Display tiltable up to 40°
- Material: Aluminium
- Lift: 79-113 cm
- Meets VESA 75 (75 x 75 mm) and VESA 100 (100 x 100 mm)

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Order-No. – Packing Unit

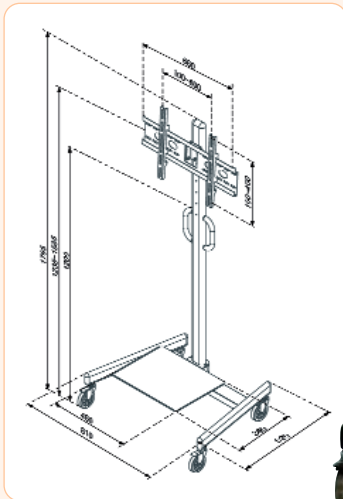
ROLINE LCD TV Mobile Cart **17.03.1155 – 1**

## ROLINE LCD TV Mobile Cart

### Ideal for applications in conference rooms or class rooms!

- For an easy mobile use of a large LCD monitor or TV
- For fixing a LCD monitor with:  
Horizontal: 10 – 60 cm  
Vertical: 10 – 40 cm  
Screen size: 82 – 139 cm
- Load capacity: up to 50 kg
- Adjustable height: 120 – 160 cm
- Handy holders for moving the stand
- Platform for a DVD player or notebook

- Cable channel inside vertical carrier



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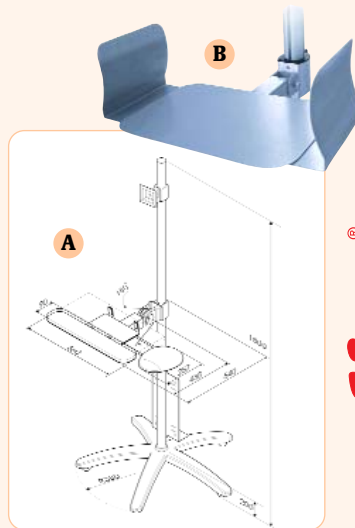
Order-No. – Packing Unit

ROLINE LCD TV Mobile Cart **17.03.1164 – 1**

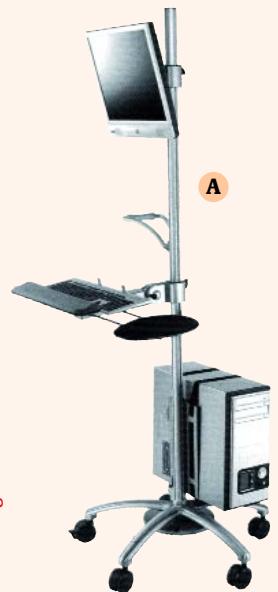
## ROLINE LCD TV + PC Mobile Computing Platform

- A mobile computing platform that can be used in factories, hospitals, shopping malls, retail stores and department stores, etc.
- Adaptable for sitting or standing users and adjusts to different user heights
- For monitors with VESA 75 (75 x 75 mm) resp. VESA 100 (100 x 100 mm)
- Pivots upwards to 10 degrees and downwards to 25 degrees
- Mouse support tray can be attached to the right or left hand side

- Safety belt adjusts for different sizes of CPU holders and UPS
- Material: aluminum alloy which has a neat and artistic appearance
- 5 wheels, whereof 3 are lockable
- Height: 180 cm
- 17.03.1152: optional printer holder



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Order-No. – Packing Unit

**A ROLINE LCD TV + PC Mobile Computing Platform 180 cm 17.03.1174 – 1**

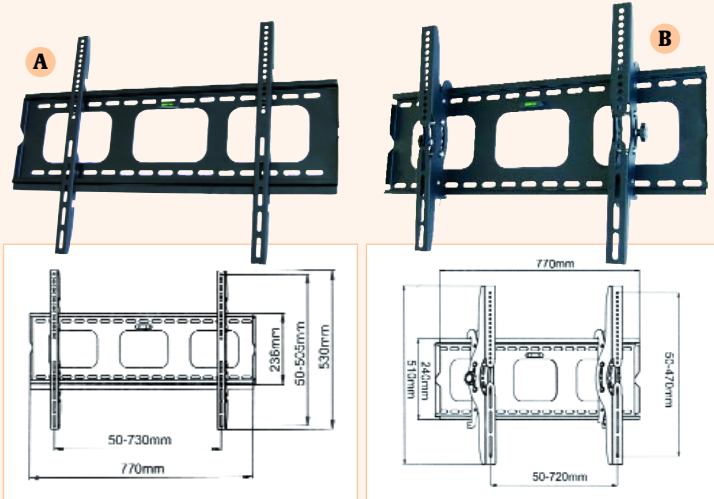
**B ROLINE Printer Holder for LCD TV Mobile Computing Platform 17.03.1152 – 1**

## VALUE LCD/Plasma TV Wall Holders

These wall holders allow a very discreet installation of a LCD/Plasma TV, perfect for e. g. a wooden wall.

- Low profile – small distance to the wall
- Max. VESA 700 x 500 mm
- Material: steel

- Colour: black
- Note: For the installation of 17.99.1214 a free space of 80 cm is needed to the left side



Technical data:	17.99.1214	17.99.1216
Fixing:	wall mount	wall mount
Load capacity:	up to 80 kg	up to 75 kg
Screen size:	81 cm up to 152 cm	81 cm up to 152 cm
Distance monitor to wall:	2.4 cm	8 cm
Tilttable up or down:	-	15°



Order-No. – Packing Unit

VALUE LCD/Plasma TV Wall Holder, Low Profile	A	17.99.1214 – 5
VALUE LCD/Plasma TV Wall Holder, Tiltable	B	17.99.1216 – 4

## VALUE LCD/TV Wall Mount

- For mounting a LCD monitor onto a wall
- Meets VESA 400 x 200 or 600 x 400 mm
- Adjustable VESA holder



Technical data:	17.99.1105	17.99.1106
Fixing:	ceiling mount	wall mount
Load capacity:	up to 50 kg	up to 50 kg
Joints:	3	4
Arm length:	35 cm	47 cm



Order-No. – Packing Unit

VALUE LCD/TV Wall Mount	3 Joints (A)	17.99.1105 – 2
VALUE LCD/TV Wall Mount	4 Joints (B)	17.99.1106 – 2

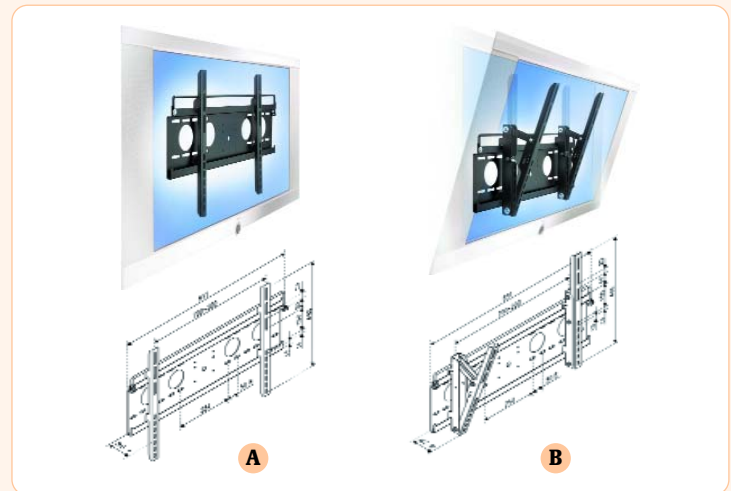
## ROLINE LCD/Plasma TV Wall Holders

Easily fix your large-scale Plasma or LCD monitor to the wall!

- Slim design holds the monitor close to the wall
- Secure and stable mounting

- Mounting holes fit within: 700 mm (horizontal) x 485 mm (vertical)
- Material: steel
- Color: black

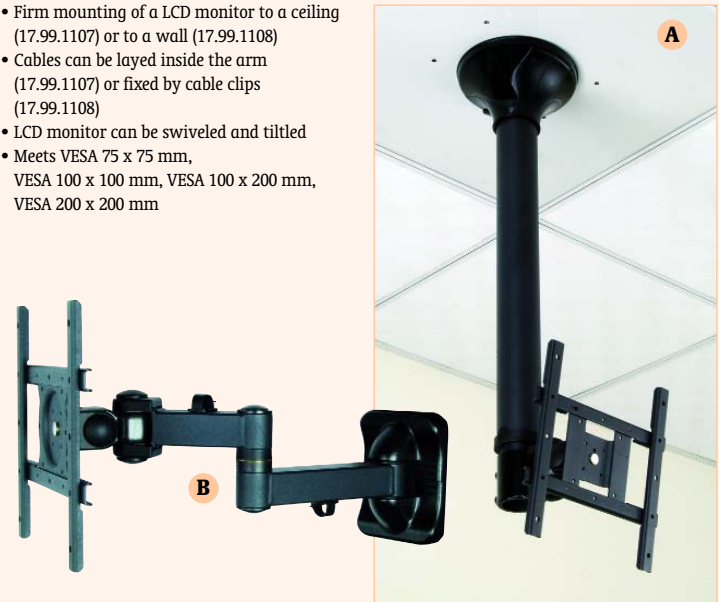
Technical data:	17.03.1210	17.03.1212
Fixing:	wall mount	wall mount
Load capacity:	up to 80 kg	up to 80 kg
Screen size:	93 cm up to 165 cm	93 cm up to 165 cm
Distance monitor to wall:	3.8 cm	6.8 cm
Tilttable up or down:	-	0°, 10°, 15°, 20°



	Order-No. – Packing Unit
ROLINE LCD/Plasma TV Wall Holder	A 17.03.1210 – 1
ROLINE LCD/Plasma TV Wall Holder, Tiltable	B 17.03.1212 – 1

## VALUE LCD/TV Ceiling/Wall Mount

- Firm mounting of a LCD monitor to a ceiling (17.99.1107) or to a wall (17.99.1108)
- Cables can be layed inside the arm (17.99.1107) or fixed by cable clips (17.99.1108)
- LCD monitor can be swiveled and tilted
- Meets VESA 75 x 75 mm, VESA 100 x 100 mm, VESA 100 x 200 mm, VESA 200 x 200 mm



Technical data:	17.99.1107	17.99.1108
Fixing:	ceiling mount	wall mount
Load capacity:	up to 20 kg	up to 25 kg
Joints:	2	4
Arm length:	65 – 104 cm	42 cm



Order-No. – Packing Unit

VALUE LCD/TV Ceiling Mount	2 Joints (A)	17.99.1107 – 2
VALUE LCD/TV Wall Mount	4 Joints (B)	17.99.1108 – 6

## VALUE Wall Projector Mount

- Universal mount style fits various sizes of most projectors
- With tilt and swivel function
- Cables can go through the tubes

**Technical data:**

Fixing: wall mount  
 Load capacity: up to 8 kg  
 Arm length: 73 – 123 cm  
 Weight: 1.3 kg  
 Max. projector size diameter: 390 mm  
 Colour: black



**Order-No. – Packing Unit**  
 VALUE Wall Projector Mount 17.99.1104 – 2

## VALUE Ceiling Projector Mount

**Ceiling mount for LCD projector**

- Universal spider mount style fits most projectors
- Easy to install, easy to adjust
- With tilt and swivel function

- **Content:** Ceiling mount, mounting material

**Technical data:**

Fixing: ceiling mount  
 Load capacity: up to 10 kg  
 Distance to ceiling: 110 mm  
 Weight: 1.3 kg  
 Max. projector size diameter: 390 mm  
 Colour: grey

**17.99.1101**

ceiling mount  
 up to 10 kg  
 110 mm  
 1.3 kg  
 390 mm  
 grey

**17.99.1102**

ceiling mount  
 up to 11.5 kg  
 375 – 475 mm, adjustable  
 2.5 kg  
 390 mm  
 grey



	<b>Order-No. – Packing Unit</b>
VALUE Ceiling Projector Mount, small <b>A</b>	<b>17.99.1101 – 12</b>
VALUE Ceiling Projector Mount, big <b>B</b>	<b>17.99.1102 – 6</b>

## LCD/Monitor Stand Trend

- Holds LCD monitors with up to 56 cm
- Create extra storage (ca. 500 x 60 mm) for your keyboard or documents and office stationery under the platform
- Enlarged utility space on the platform to accommodate your speakers or media storage box next to a monitor
- Additional tube support avoids monitor to lean backwards
- Special handle design on side panels for easy movement of the stand
- Max. loading: 20 kg
- Dimensions of stand (LxWxH): 580 x 335 x 70 mm
- Colour: Black/grey

## Dual Monitor/Printer Stand Trend

- Top wood platform supports popular A4 laser/inkjet printer stand
- Double drawers to storage provides multi storage of documents (A4, letters sized papers) and office stationery
- Special concave design provides more conveniences of picking up the thin pile of documents
- Special handle design on side panels for easy movement of the stand
- Platform size (LxW): 450 x 350 mm
- Colour: Black/grey



**Order-No. – Packing Unit**  
 LCD/CRT Monitor Stand Trend black 17.02.3370 – 2

**Order-No. – Packing Unit**  
 Dual Monitor/Printer Stand Trend black 17.02.3375 – 2

## VALUE Mini PC Holder

- Space-saving Mini PC holder which offers more room at your desk
- For Mini PCs
- Stable steel construction
- To be fixed under your table board (screws not included)
- Height and width of holder is adjustable

### Technical data:

Max. weight:	10 kg
Height adj.:	200-358 mm
Width adj.:	50-100 mm
Colour:	Black



VALUE Mini PC Holder, black

Order-No. – Packing Unit  
17.99.1140 – 1

## Mobile PC Stand

- Creates more space on your desk, due to it being under the table
- Stable metal construction with high tilt-stability
- Adjustable from 140-250 mm PC width
- Fitted with rubber mats against slipping and scratching
- More flexible in use



Mobile PC Stand

Order-No. – Packing Unit  
17.05.1516 – 5

## ROLINE PC Holder

- Under desk PC holder
- Stable steel construction, telescopic (not 17.03.1127/28)
- To be fixed under your table board (min. 15 mm), screws not included
- Height and width adjustable
- Rotation up to 90° (17.03.1129/30) resp. up to 180° (17.03.1131/36/37/85)



E

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Technical data:	17.03.1127/28	17.03.1129/30	17.03.1136/37	17.03.1185	17.03.1131
Max. weight:	30 kg	30 kg	20 kg	10 kg	10 kg
Height adj.:	390-540 mm	390-540 mm	-500 mm	390-540 mm	390-540 mm
Width adj.:	134-234 mm	134-234 mm	50-240 mm	70-134 mm	50-100 mm
Pull out:	no	150 mm	140 mm	yes	yes
Rotation:	no	90°	180°	180°	180°

	Order-No. – Packing Unit
ROLINE PC Holder, black	A 17.03.1127 – 1
ROLINE PC Holder, silver	A 17.03.1128 – 1
ROLINE PC Holder with rotation function, black	B 17.03.1129 – 1
ROLINE PC Holder with rotation function, silver	B 17.03.1130 – 1
ROLINE PC Holder, black	C 17.03.1136 – 1
ROLINE PC Holder, silver	C 17.03.1137 – 1
ROLINE PC Holder, extendable, with rotation function	D 17.03.1185 – 1
ROLINE Mini PC Holder, extendable, with rotation function, black	E 17.03.1131 – 1



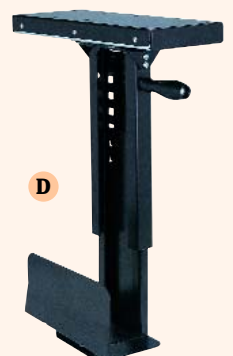
A



B



C



D

BestSeller

**ROLINE PC Standing Workstation**

- Stable metal / plastic frame
- Top shelf (WxD: 68x50 cm) for monitor etc.
- Slide-out keyboard shelf (WxD: 53.5x35 cm) with mouse surface (28x23 cm)
- Slide-out shelf (WxD: 53.5x35 cm) which can be used for printers
- Floor level shelf (WxD: 57.9x31.5 cm)
- Up to 40kg load bearing capacity
- Mobile via 4 wheels, 2 of which can be locked
- **Colour:**  
frame: light grey  
surface: white  
surface border: grey
- **Dimensions** (HxWxD): 110x68x54 cm

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Order-No. – Packing Unit  
17.02.1545 – 1

ROLINE PC Standing Workstation



**ROLINE Printer Tables**

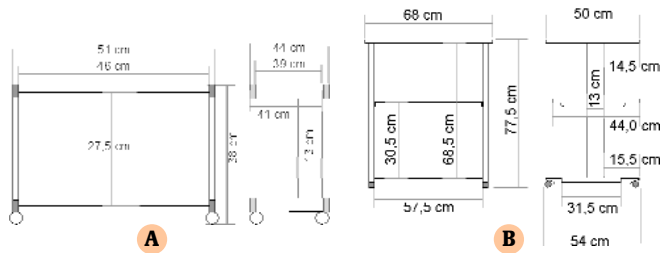
- 17.01.1085**
- Stable metal frame
  - Printer shelf and floor level shelf (WxD: 46x39 cm)
  - Mobile through 4 wheels, 2 of them are lockable
  - Load bearing capacity: **up to 30kg**
  - **Colour:**  
frame: light grey  
surface: white  
surface border: white
  - **Dimensions** (HxWxD): 38 x 51 x 44 cm



- 17.01.1087**
- Stable metal / man-made material frame
  - Printer shelf (WxD: 68 x 50 cm)
  - Middle shelf (WxD: 58.5 x 44 cm)
  - Floor level shelf (WxD: 57.5 x 31.5 cm)
  - Mobile through 4 castors, 2 of which are lockable
  - Level screws hinders the printer table from tilting on it's side
  - Load bearing capacity: **up to 30 kg**
  - **Colour:**  
frame: light grey  
surface: white  
surface border: grey
  - **Dimensions:** 77.5 x 68 x 54 cm



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Order-No. – Packing Unit

ROLINE Mini Printer Table **A 17.01.1085 – 1**  
ROLINE Printer Table **B 17.01.1087 – 1**

**ROLINE Printer Table, up to 80 kg**

- Stable metal / plastic frame
- Load bearing capacity: **up to 80 kg**
- Printer shelf (WxD: 68 x 50 cm)
- Middle shelf (WxD: 59 x 44 cm)
- Floor level shelf (WxD: 59 x 31.5 cm)
- Level screws hinders the printer table from tilting on its side
- **Colour:**  
frame: light grey  
surface: white  
surface border: grey
- **Dimensions** (WxHxD): 74 x 68 x 55 cm

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ROLINE Printer Table, up to 80 kg

Order-No. – Packing Unit  
**17.01.1089 – 1**



## Lockable PC / Server Workstation

- This PC/server workstation offers a lot of space for the PC, monitor, keyboard and mouse with excellent value for money
- Suitable for desktop, mini- or midi PC-housings
- Additional storage surface on the top
- 43 cm monitors can be placed without any problems
- Slide-out keyboard shelf (WxD: 53 x 35.2 cm)
- Mobile via 4 wheels, 2 of them can be locked

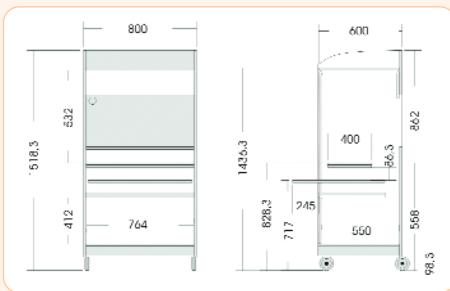
### Technical data:

**Colour**  
Base unit / Cabinet: light grey  
Roll top door: white grey

**Load bearing capacity**  
Floor level shelf: max. 60 kg  
Keyboard tabletop: max. 10 kg  
Monitor tabletop: max. 40 kg  
Desk on the top: max. 20 kg

**Dimensions(HxWxD):**  
Basic unit: 151.5 x 80 x 60 cm  
Cabinet: 86 x 80 x 60 cm

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Order-No. – Packing Unit  
**17.02.2510 – 1**

Lockable PC / Server Workstation



## ROLINE Disinfectant Cleaning Products

**Kill the virus, where you remain the most time of the day – directly at your workplace!**

More than ever the question of cleanliness gained in importance. Beyond others the spread of the "swine-flue" is responsible for this. We offer the right product for every area of your workplace that has to be disinfected.

- For a healthier office environment
- To free your workplace from virus and germs
- Fast drying, for a streak free shine
- Recommended is a weekly use

### ROLINE Disinfectant Keyboard Cleaning Kit

- Contents: Disinfectant cleaning fluid (50 ml), keyboard sponge, keyboard cleaning swab
- Plastic spatula tipped with flexible foam head. 13 cm long stick with 13 mm wide head. Flexibility and thinness of head assists access into narrow areas.

### ROLINE Disinfectant Computer Cleaning Wipes (100 moist pcs. in a tub)

- For all plastic and metal surfaces like e.g. printers, keyboards, CPUs, phones, fax machines (not for TFT screens) etc.
- One cleaning wipe suffices a zone of about 30 x 30 cm

### ROLINE Disinfectant Telephone Cleaning Wipes (20 moist, single packed pcs.)

- For cleaning of telephones, handholds and all personal work items which are subject to frequent use

**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit

ROLINE Disinfectant Keyboard Cleaning Kit **19.03.3180 – 1**

ROLINE Disinfectant Computer Cleaning Wipes (100 pcs.) **19.03.3185 – 1**

ROLINE Disinfectant Telephone Cleaning Wipes (20 pcs.) **19.03.3190 – 1**

## ROLINE Allround-Cleaner-Aerosol

- Cleaning foam
- Ideal for cleaning printers, monitors, displays, PC cases etc.
- No electrical conduction, antistatic, completely bio-degradable



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Designed for Professionals

Order-No. – Packing Unit  
**19.03.3000 – 1**

ROLINE Allround-Cleaner-Aerosol

## ROLINE Antistatic Foam-Cleaner

- 400ml Cleaning foam
- Ideal for cleaning plastic and coloured surfaces such as tables
- Antistatic, non-abrasive



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Designed for Professionals

Order-No. – Packing Unit  
**19.03.3130 – 1**

ROLINE Antistatic Foam-Cleaner

## ROLINE TFT-Cleaner

Eco-friendly special cleaner for TFT and Laptop monitors, LCDs, PDAs, monitor filters, surfpads and all coated and uncoated glass surfaces (e.g. mirrors, overhead projectors and lenses).

- 250ml pump-spray bottle
- No alcohol (not flammable), completely bio-degradable
- 19.03.3160: including microfiber cloth (40x40 cm)



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Designed for Professionals

Order-No. – Packing Unit  
**19.03.3135 – 1**

ROLINE TFT Cleaner

ROLINE TFT Cleaner with microfiber cloth, 40x40 cm

**19.03.3160 – 1**

## ROLINE TFT/LCD-Foam-Cleaner

Very efficient Cleaning-Foam for TFT-/LCD- and Plasma-monitors, that removes dirt fast and easily.

- 400ml Cleaning-Foam
- Antistatic, non abrasive



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Designed for Professionals

Order-No. – Packing Unit

ROLINE TFT/LCD-Foam-Cleaner

**19.03.3165 – 1**

## ROLINE Multimedia Protection Sealant with Nanotechnology

- Creates a bacteria free working environment, as it protects all devices
- Cleaning cycle considerably extended
- Easy to use – protects treated surfaces for many months

- **Contents:** 50 ml Pre-cleander, 3 Nano sealing cloths for TFT/LCD screens, 3 Nano sealing cloths for plastic surfaces, 3 drying cloths



**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit  
**19.03.3170 – 1**

ROLINE Multimedia Protection Sealant with Nanotechnology

## ROLINE PC-Cleaning Set

- This set offers you a complete solution for cleaning your complete office-workplace

- **Contents:** 1x 125ml ROLINE TFT-Cleaner, 1x keyboard sponge and swab, 1x allround-sponge and 4x tissues "dry"



**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit  
**19.03.3140 – 1**

ROLINE PC-Cleaning Set

## ROLINE Universal-Cleaning-Tissues

- 100 cleaning tissues for all plastic and metal surfaces
- Ideal for cleaning printers, monitors, PC cases etc (not for TFT Displays and PDAs)
- Antistatic tissues, complete bio-degradable
- Hygienic and fresh smell



**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit

ROLINE Universal-Cleaning-Tissues

19.03.3100 – 1

## ROLINE Monitor-Cleaning-Tissues

- 50 “wet” and 50 “dry” tissues
- Use first “wet” an then “dry”
- Ideal for cleaning monitors, TFT Displays and PDAs
- Antistatic tissues, complete bio-degradable, ecologically friendly



**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit

ROLINE Monitor-Cleaning-Tissues

19.03.3105 – 1

## ROLINE Aerosol Can Air Duster

- For blowing dust and debris from inaccessible areas of electronic equipment (computer keyboards, printers, CD-ROM drives, copiers, fax machines, etc.)
- Variable spray intensity
- Ecologically friendly
- 400 ml aerosol can with spray tube included



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Designed for Professionals

Order-No. – Packing Unit

ROLINE Aerosol Can Air Duster (400 ml)

19.03.3110 – 1

## ROLINE CD/DVD-Cleaning-Tissues

- 100 CD/DVD-Cleaning-Tissues
- Ideal for cleaning CD-roms, audio CDs, laser discs, photo CDs and DVDs
- Eliminates dust and fingermarks
- Antistatic tissues, completely bio-degradable



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Designed for Professionals

Order-No. – Packing Unit

ROLINE CD/DVD-Cleaning-Tissues

19.03.3120 – 1

## ROLINE Monitor- and Plastic-Cleaner

- 250 ml pump spray bottle
- Efficient and gentle removal of dust and dirt from all plastic, metal and glass surfaces (e.g. printers, keyboards, telephones, etc.)
- Just spray it on a tissue and than polish the surface
- Antistatic, completely bio-degradable
- Ecologically friendly



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Designed for Professionals

Order-No. – Packing Unit

ROLINE Monitor- and Plastic-Cleaner

19.03.3125 – 1

## ROLINE Special Cleaning Spray

- ROLINE Touch & Clean: cleaning spray (25 ml), microfibre cloth (20 x 20 cm) for iPhones, iPads, iPods, mobile phones, MDA, tablet PCs, smart phones
- ROLINE Premium Cleaner: 250 ml special cleaning spray in aluminium aerosol can, high quality microfibre cloth (40 x 40 cm), for Plasma, LCD screens, notebooks
- Fluid does not contain alcohol, contains antistatic agent, non smearing
- Ecologically friendly



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Designed for Professionals

Order-No. – Packing Unit

Touch & Clean – Cleaning Spray for Smart Phones/Tablet PCs (25 ml)

**A** 19.03.3145 – 1

Premium Cleaner – Special Spray for Plasma, LCD Screens, Notebooks

**B** 19.03.3150 – 1

**NEW**

**roline**<sup>®</sup>  
Designed for Professionals



## ROLINE Toner

- The ROLINE Toner range offers you high quality to low prices
- 100% compatibility to the printer models named below
- Excellent cost-effectiveness
- 100% manufacturer final check of every toner cartridge
- With verified yield
- Produced by one of the leading European manufacturers (DIN ISO EN 9001 and DIN ISO EN 14001 certified)

No Roline toner cartridge leaves our production without a final check. One by one every item must proof that it complies all demands on quality: Guaranteed compatibility, graphical competence, printing density and exact volume. Thereby a cartridge is checked with up to seven different printer models. At the same time steady endurance tests take place so that the serial production complies with the demands on quality of the Quality Management. We only release a new type of cartridge if at least 200.000 to 300.000 pages were printed without any complaints – and only what was tested by us and judged good, will be saled.

### ROLINE quality speaks for itself!

Item description	Original Man. No.	Order-No. – Packing Unit
ROLINE compatible with BROTHER HL720/730/760/820/1040/1050/1060/8000P/8060/8200/MFC9070/9500, 2.200 pages	TN-200/300/8000	16.10.1083-1
ROLINE compatible with BROTHER HL 1030 / 1240 / 1250 / 1270 / 1450 / 1470, 6.000 pages	TN-6600	16.10.1080-1
ROLINE compatible with BROTHER HL 1650 / 1670N, 6.000 pages	TN-7600	16.10.1081-1
ROLINE compatible with BROTHER HL 2030 / 2040 / 2070 / Fax2920 , 3.000 pages	TN-2000	16.10.1088-1
ROLINE compatible with BROTHER HL 2030 / 2040 / 2070 / Fax 2820 / 2920 / MFC7225 / 7420 / 7820N, 12.000 pages	DR-2000	16.10.1125-1
ROLINE compatible with BROTHER HL 2035, 1.500 pages	TN-2005	16.10.1124-1
ROLINE compatible with BROTHER HL 2140 / 2150N / 2170W / DCP7030 / 7045N / MFC7440N / 7840W, 2.600 pages	TN-2120	16.10.1115-1
ROLINE compatible with BROTHER HL 5240 / 5250DN / 5270DN / 5280DW / MFC8460N / 8860DN, 8.500 pages	TN-3170	16.10.1114-1
ROLINE EP-V compatible with HEWLETT PACKARD V P / V MP / VI P / VI MP, 4.400 pages	C3903A	16.10.1067-1
ROLINE EP-25 compatible with HEWLETT PACKARD 1000/1200/1220/3300mfp, 4.200 pages	C7115X	16.10.1074-1
ROLINE compatible with HEWLETT PACKARD P1005/ P1006, ca. 3.000 pages	CB435A	16.10.1127-1
ROLINE compatible with HEWLETT PACKARD 1010 / 1012 / 1015 / 1020 / 1022, 4.500 pages	Q2612X	16.10.1087-1
ROLINE EP-22 compatible with HEWLETT PACKARD 1100 / 1100A, 3.500 pages	C4092A	16.10.1071-1
ROLINE compatible with HEWLETT PACKARD Pro M1132 / Pro M1212nf / Pro P1102 / Pro P1102w ca. 3.000 pages	CE285A	16.10.1128-1
ROLINE compatible with HEWLETT PACKARD 1300, 4.000 pages	Q2613X	16.10.1078-1
ROLINE compatible with HEWLETT PACKARD 1320 / 3390 / 3392, 6.000 pages	Q5949X	16.10.1097-1
ROLINE compatible with HEWLETT PACKARD P1505/ P1505N / M1120MFP / M1522MFP ca. 2.000 pages	CB436A	16.10.1126-1
ROLINE compatible with HEWLETT PACKARD P2015 / P2015d / P2015dn / P2015x / P2015n / M2727 ca. 3.000 pages	Q7553A	16.10.1129-1
ROLINE compatible with HEWLETT PACKARD P2030 / P2035 / P2050, 3.000 pages	CE505A	16.10.1116-1
ROLINE EP-32 compatible with HEWLETT PACKARD 2100, 5.000 pages	C4096A	16.10.1070-1
ROLINE compatible with HEWLETT PACKARD 2300, 6.000 pages	Q2610A	16.10.1086-1
ROLINE compatible with HEWLETT PACKARD P3005 / P3005d / P3005n / M3027 / M3035MFP ca. 13.000 pages	Q7551X	16.10.1130-1
ROLINE EP-52 compatible with HEWLETT PACKARD 4000 / 4000T / 4000N, 10.000 pages	C4127X	16.10.1069-1
ROLINE compatible with HEWLETT PACKARD 4100/4100mfp, 10.000 pages	C8061X	16.10.1075-1
ROLINE compatible with HEWLETT PACKARD 4200, 20.000 pages	Q1338A	16.10.1079-1
ROLINE compatible with HEWLETT PACKARD 4250 / 4350, 22.000 pages	Q5942X	16.10.1099-1
ROLINE EP-62 compatible with HEWLETT PACKARD 5000 / 5000N / 5000GN, 10.000 pages	C4129X	16.10.1073-1
ROLINE compatible with HEWLETT PACKARD 8100/8100N, 10.000 pages	C4182X	16.10.1076-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM1015 / 1600 / 2600N / 2605, black ca. 2.500 pages	Q6000A	16.10.1109-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM1015 / 1600 / 2600N / 2605, cyan ca. 2.000 pages	Q6001A	16.10.1110-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM1015 / 1600 / 2600N / 2605, magenta ca. 2.000 pages	Q6003A	16.10.1111-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM1015 / 1600 / 2600N / 2605, yellow ca. 2.000 pages	Q6002A	16.10.1112-1
ROLINE EP-87 black compatible with HEWLETT PACKARD Color LaserJet 1500 / 2500 / 2550 ca. 5.000 pages	C9700A / Q3960A	16.10.1104-1
ROLINE EP-87 cyan compatible with HEWLETT PACKARD Color LaserJet 1500 / 2500 / 2550 ca. 4.000 pages	C9701A / Q3961A	16.10.1105-1
ROLINE EP-87 yellow compatible with HEWLETT PACKARD Color LaserJet 1500 / 2500 / 2550 ca. 4.000 pages	C9702A / Q3962A	16.10.1106-1
ROLINE EP-87 magenta compatible with HEWLETT PACKARD Color LaserJet 1500 / 2500 / 2550 ca. 4.000 pages	C9703A / Q3963A	16.10.1107-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 3600 / 3800, black ca. 6.000 pages	Q6470A	16.10.1135-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 3800, cyan ca. 6.000 pages	Q7581A	16.10.1136-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 3800, yellow ca. 6.000 pages	Q7582A	16.10.1137-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 3800, magenta ca. 6.000 pages	Q7583A	16.10.1138-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 5500 / 5550, black ca. 13.000 pages	C9730A	16.10.1131-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 5500 / 5550, cyan ca. 12.000 pages	C9731A	16.10.1132-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 5500 / 5550, yellow ca. 12.000 pages	C9732A	16.10.1133-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet 5500 / 5550, magenta ca. 12.000 pages	C9733A	16.10.1134-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP1215 / CP1515 / CP1518, black ca. 2.200 pages	CB540A	16.10.1117-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP1215 / CP1515 / CP1518, cyan ca. 1.400 pages	CB541A	16.10.1118-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP1215 / CP1515 / CP1518, yellow ca. 1.400 pages	CB542A	16.10.1119-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP1215 / CP1515 / CP1518, magenta ca. 1.400 pages	CB543A	16.10.1120-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP2025 / CM2320MFP, black ca. 3.500 pages	CC530A	16.10.1139-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP2025 / CM2320MFP, cyan ca. 2.800 pages	CC531A	16.10.1140-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP2025 / CM2320MFP, yellow ca. 2.800 pages	CC532A	16.10.1141-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CP2025 / CM2320MFP, magenta ca. 2.800 pages	CC533A	16.10.1142-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM3530MFP / CP3525, black ca. 10.500 pages	CE250X	16.10.1143-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM3530MFP / CP3525, cyan ca. 7.000 pages	CE251A	16.10.1144-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM3530MFP / CP3525, yellow ca. 7.000 pages	CE252A	16.10.1145-1
ROLINE compatible with HEWLETT PACKARD Color LaserJet CM3530MFP / CP3525, magenta ca. 7.000 pages	CE253A	16.10.1146-1
ROLINE compatible with KYOCERA FS-1000/1000+ /1010/1050, 6.000 pages	TK-17	16.10.1090-1

## ROLINE Internal Converter SATA to IDE

Do you already want to use the opportunities of Serial ATA that your new controller offers you? You have got an IDE/ATA hard disk? That's no problem, once using this converter!

• Converts the connector of the U-DMA/ATA hard disk to a SATA controller

- Also supports the connection of CD-ROM and e.g. drives (with Silicon Image chipset)
- Connections: 40-pin IDC Female connector, 7-pin SATA Female connector
- Contents: Converter, SATA cable (50 cm), power cable (Y model), manual



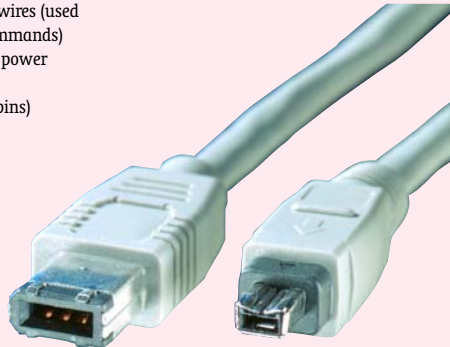
**roline**<sup>®</sup>  
Designed for Professionals

Order-No. – Packing Unit  
11.03.1570 – 20

ROLINE Converter SATA to IDE, Silicon Image

## VALUE IEEE1394 FireWire Cable

- The 6 wired cable contains 4 datawires (used for data transfer or for control commands) and the other 2 wires are used for power transmission
- The 4 wired cable (4/4 pins or 6/4 pins) contains 4 datawires (only)
- Colour: grey



**Value**

6pin

4pin

Order-No. – Packing Unit

VALUE IEEE1394a Cable, 6/6-pin, 400 Mbit/s	1.8 m	11.99.9218 – 100
VALUE IEEE1394a Cable, 4/4-pin, 400 Mbit/s	1.8 m	11.99.9318 – 100
VALUE IEEE1394a Cable, 4/4-pin, 400 Mbit/s	3 m	11.99.9330 – 50
VALUE IEEE1394a Cable, 6/4-pin, 400 Mbit/s	1.8 m	11.99.9418 – 100

## VALUE IEEE1394b FireWire Cable

- The IEEE1394b standard is a new, serial high speed bus-standard. It is the successor of IEEE1394 and provides the user with transfer rates up to 800 Mbps
- The cable with the 9/9-pin connector offers you the maximum data transfer rate and integrated power transmission
- The cable with the 9/6-pin connector contains 4 data wires (used for data transfer) and the other 2 wires are used for power transmission

- The cable with the 9/4-pin connector contains 4 data wires (used for data transfer)
- Colour: black



**Value**

9pin

6pin

4pin

Order-No. – Packing Unit

VALUE IEEE1394b Cable, 9/9-pin, 800Mbit/s	1.8 m	11.99.9518 – 20
VALUE IEEE1394b Cable, 9/6-pin, 400Mbit/s	1.8 m	11.99.9618 – 20
VALUE IEEE1394b Cable, 9/4-pin, 400Mbit/s	1.8 m	11.99.9718 – 20

## ROLINE Notebook Docking Station, DVI

This USB 2.0 Docking Station is a perfect solution for a notebook to increase the available I/O ports. With only one USB port required from a notebook, such devices as a hub, card reader, LAN, DVI-I Output, microphone, speaker and e-SATA peripheral devices can be accessed and operated freely from the docking station.

- Compliant with USB 2.0 and 1.1 specifications
- Supports USB High-Speed and Full-Speed operation
- Plug & play
- Supports Windows 98SE/ME/2000/XP/Vista/7

- Contents: Docking Station, power supply, USB cable, stand, driver CD, manual

Connection to notebook:  
- 1x USB 2.0 Type B F

Connections for peripheral devices to the Docking Station:

- 1x DVI-I Video F
- 2x USB 2.0 Type A F
- 1x eSATA F
- 1x 10/100 Ethernet LAN Port, RJ-45 F
- 2x Audio 3.5 mm plug (microphone, speaker)
- USB 2.0 Multi Card Reader 50+



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Designed for Professionals

Order-No. – Packing Unit  
12.02.1066 – 5

ROLINE Notebook Docking Station, DVI

## ROLINE Notebook USB KVM Switch

In addition to offering simple plug and play KVM switch functionality for two USB-enabled notebooks and/or PCs, this switch also allows you to quickly and easily transfer files between the two computers using an innovative file management tool.

- KVM functionality (dual PC control) – allows you to control your local notebook/PC and a remote notebook/PC via the local computer
- Built-in supplementary USB 2.0 port – allows the local computer to connect to USB 2.0 peripherals
- Compact design, all-in-one cable solution
- File system management utility allows you to transfer files between two notebooks/PCs by simple drag and drop

- No power supply needed
- Cable length: 0.9 m (local side), 1.8 m (remote side)
- Contents: KVM switch, carrying pouch, manual

Technical Data:

Max. resolution (nominal): 1280 x 1024@ 60Hz  
Case: plastic  
Dimensions: 92 x 31 x 14 mm  
Weight: 98 g  
Color: black

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Designed for Professionals



Order-No. – Packing Unit  
14.01.3259 – 5

ROLINE Notebook USB KVM Switch

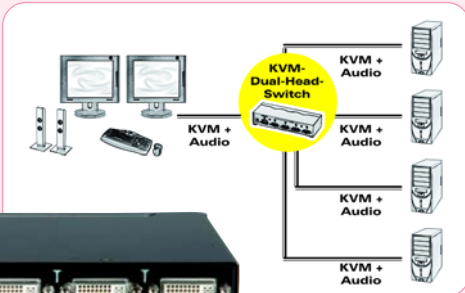
# Sell Off

## ROLINE Dual Head KVM Switch, DVI, USB, Audio

- Supports dual DVI displays
- Supports stereo audio function (speaker + microphone)
- 2-port USB 2.0 hub built in
- Front panel push buttons and hot-keys for easy computer selection
- Front panel FUNC button for easily adjusting the video signal strength
- Front panel FUNC button for easily selecting the audio
- Auto scan function with selectable scan time interval
- USB self-power operation
- No software required
- **Contents:** KVM switch, power supply, manual

**Technical data:**  
 Monitor connection: 2x DVI-I F  
 Keyboard connection: 1x USB Type A  
 Mouse connection: 1x USB Type A  
 Audio connection: 2x 3.5 mm F  
 PC monitor connection: 4x DVI-I F  
 PC keyboard/mouse connection: 4x USB Type B  
 PC audio connection: 8x 3.5 mm F  
 USB hub connection: 2x USB Type A  
 Max. resolution (nominal): 1920 x 1200  
 Casing: Metal  
 Dimensions (WxDxH): 220 x 130 x 65 mm  
 Power supply: 9V DC, 1.5A

**14.01.3241**



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**Order-No. – Packing Unit**

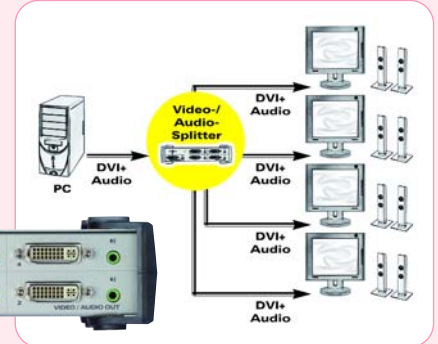
ROLINE Dual Head KVM Switch, 1 User – 4 PCs, DVI, Audio

**14.01.3241 – 4**

## ROLINE DVI Video-/Audio Splitters

- Connects your computer with DVI graphics to 2/4 DVI compatible monitors or projectors
- Fully compliant with DVI-Digital and DVI-Analog
- Audio enabled for speaker connection
- Maintains single link video resolution
- Supports DDWG (Digital Display Working Group) standard for DVI compliant monitors

- Maximize the number of viewers – cascable
- To be installed in minutes
- **Contents:** Switch, power supply, manual



**Technical data:**  
**14.01.3528**  
 Video input: 1x DVI F  
 Audio input: 1x Mini Stereo Jack F  
 Video output: 2x DVI F  
 Audio output: 2x Mini Stereo Jack F  
 Max. resolution (nom.): 1600 x 1200 @ 60Hz  
 Dimensions (HxWxD): 210 x 85 x 55 mm

**14.01.3529**  
 Video input: 1x DVI F  
 Audio input: 1x Mini Stereo Jack F  
 Video output: 4x DVI F  
 Audio output: 4x Mini Stereo Jack F  
 Max. resolution (nom.): 1600 x 1200 @ 60Hz  
 Dimensions (HxWxD): 210 x 85 x 55 mm

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**Order-No. – Packing Unit**

ROLINE DVI Video-/Audio Splitter, 2-way, 250MHz

**14.01.3528 – 5**

ROLINE DVI Video-/Audio Splitter, 4-way, 250MHz

**14.01.3529 – 5**

## VALUE Card Reader Stick, USB 2.0

- Smart combination of USB stick and card reader – perfect for mobile users
- Card Reader/Writer for the most popular memory cards: SD, MMC, MMC, MS and many more
- Supports Extended Capacity SD memory cards (SDXC)
- Compact and flat design
- Supports USB 2.0
- Power LED indicator
- Plug & play, hot-swappable
- USB bus-powered, no external power supply needed

- Dimensions: 70 x 25 x 20 mm
- Supports Windows 2000/ME/XP/Vista
- **Remark:** Memory cards not included



**Value**

**Order-No. – Packing Unit**

VALUE Card Reader Stick, USB 2.0

black transparent

**15.99.6247 – 20**

## VALUE External Type 3.5 SATA HDD Enclosure with USB 3.0

- Connection to PC over USB 3.0
- Compliant with SuperSpeed USB 3.0 specification with data transfer rates of up to 5.0 Gbit/s
- Supports type 3.5 HDDs with SATA connection
- Compliant with the SATA 3.0 Gbit/s (SATA II), SATA 1.5 Gbit/s (SATA I)
- Functional aluminium design for optimal heat dissipation
- Plug & play
- Supported operating systems: Windows 2000/XP/Vista/7

- **Contents:** HDD enclosure, USB 3.0 cable, power supply



**Order-No. – Packing Unit**

VALUE External Type 3.5 SATA HDD Enclosure with USB 3.0

**16.99.4287 – 4**

## VALUE USB Power Chargers

- Wall charger resp. car charger with 2 resp. 1 USB type A F connectors
- For power supply and charging of devices with external power supply over USB
- E.g. for MP3 players, mobile phones, smart phones etc.
- Handy to use whether at home or in the hotel



**Value**

**Technical data:**  
**19.99.1052**  
 Input: 100-240 V AC, 50-60 Hz  
 Output: 2x USB Type A F  
 Power: 2x 5W (2000mA)  
 Dimensions: 65 x 36 x 80 mm

**19.99.1053**  
 Input: 12-24 V DC, 2A max.  
 Output: 1x USB Type A F  
 Power: 5W (700mA)  
 Dimensions: 30 x 35 x 100 mm

**Order-No. – Packing Unit**

VALUE USB Wall Charger, 2 Ports

**A**

**19.99.1052 – 20**

VALUE USB Car Charger, 1 Port

**B**

**19.99.1053 – 20**

## VALUE Powerline Ethernet Adapter

- Just transform your home power supply system to a SOHO-network
- For a simple small network you need two adapters
- Easily connect the PCs with a patch cord to the adapters and then the adapters to the power supply systems and you will be able to use this connection as a network connection between your PCs
- Provides 56-bit data encryption with key management for secure powerline communications

- Plug & play, auto-configuration
- LEDs indicate status
- **Contents:** 1x powerline adapter, Cat.5 patch cord, installation CD

**Technical Data:**  
**21.99.1406**  
 PC/device connect.: 1x RJ-45  
 Power connection: Euro-2-pin plug  
 Max. transfer rate: 85Mbit/s

**Value**



**Order-No. – Packing Unit**

VALUE Powerline Ethernet Adapter, 85 Mbit/s

**21.99.1406 – 10**



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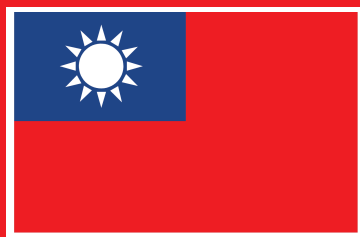
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