# Network Components
# Cables



**1**

## VALUE Fast Ethernet PCI Adapter

- Complies with PCI 2.1
- Full Duplex operation support
- Supports Auto-Negotiation
- Supports Fast Ethernet (10/100 Mbit/s)

- Supports: NetWare 3.x, 4.x, 5.x, Windows 98 / ME / NT / 2000 / XP

| Order-No. — Packing Unit |
| --- |
| VALUE Fast Ethernet PCI Adapter | 21.99.3039 — 50 |

## ROLINE Fast Ethernet PCI Adapter

- Excellent value for your money
- Complies with PCI 2.1
- Full Duplex operation support
- Supports Fast Ethernet (auto-sensing, auto-negotiation and auto-switching for 10/100 Mbit/s)

- Supports: NetWare 3.x, 4.x, Win 98SE / ME / NT / 2000 / XP
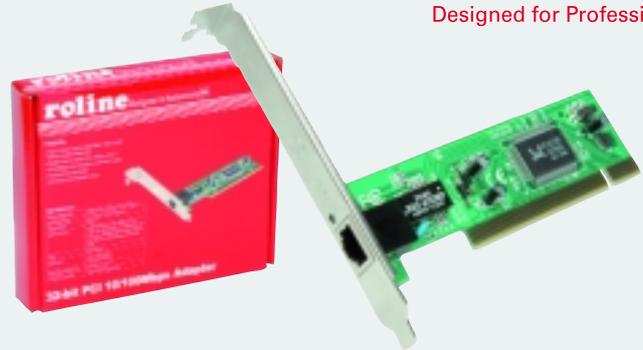
| Order-No. — Packing Unit |
| --- |
| ROLINE RA-100TX Fast Ethernet PCI Adapter | 21.11.3039 — 50 |

## VALUE Gigabit Ethernet PCI Adapter

This Gigabit Ethernet Adapter is a high performance Ethernet adapter built on 64-bit/32-bit PCI bus architecture and proven technology of Gigabit (1000 Mbit/s) Ethernet.
- Shielded RJ-45 port
- Supports 32/64bit PCI up to 66 MHz
- Supports 10/100/1000Mbit/s and Auto-MDI / MDI-X

- IEEE 802.3x compliant full-duplex flow control and auto-negotiation
- Plug & play
- LEDs for Link/Activity
- Supports: Windows 98SE / NT 4.0 / 2000 / ME /XP / 7, NetWare 4.x / 5.x
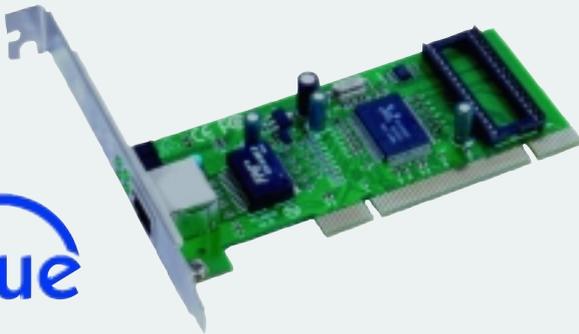
| Order-No. — Packing Unit |
| --- |
| VALUE Gigabit Ethernet PCI Adapter | 21.99.3047 — 5 |

## 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.
- Shielded RJ-45 port
- Supports 32bit PCI up to 66MHz
- Supports 10/100/1000 Mbit/s
- IEEE802.3x compliant full-duplex flow control and auto-negotiation

- Plug & play
- LEDs for Link/Activity/Collision
- Supports: NetWare 5.x / 6.x, Windows 98SE / NT / 2000 / ME / XP / 7

| Order-No. — Packing Unit |
| --- |
| ROLINE RA-1000T32 Gigabit Ethernet PCI Adapter | 21.11.3043 — 5 |

## VALUE USB 2.0 to Fast Ethernet Converter

- USB 2.0 to 10/100 Mbit/s fast ethernet controller
- Compliant with USB 2.0 and 1.1 specification
- Supports USB full and high-speed modes with bus-power or self-power capability
- High performance packet transfer rate over USB bus
- Supports USB to ethernet bridging or vice versa in hardware

- **Contents:** Converter (Type A Male, RJ-45 Female), driver CD

**Technical data:**

| | |
| --- | --- |
| PC connection: | 1x USB Type A |
| Network connection: | 1x RJ-45 F |

| Order-No. — Packing Unit |
| --- |
| VALUE USB 2.0 to Fast Ethernet Converter | 12.99.1102 — 10 |

## ROLINE USB 2.0 to Fast Ethernet Converter

- Compliant with USB 2.0 and USB 1.1
- Standard RJ-45 cable connection to the LAN
- Compatible with 10Base-T, 100Base-TX
- Power supply over USB
- LED indicators for Power and Link
- Supports both full-duplex and half-duplex operations

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

**Technical data:**

| | |
| --- | --- |
| PC connection: | 1x USB Type A |
| Network connection: | 1x RJ-45 F |

| Order-No. — Packing Unit |
| --- |
| ROLINE USB 2.0 to Fast Ethernet Converter | 12.02.1102 — 10 |

## VALUE USB 2.0 to Gigabit Ethernet Converter

Converter for the connection of a PC with USB 2.0 port to a 10/100/1000 network.
- Supports 10/100/1000 Mbit/s auto-sensing capability
- Supports Auto MDI/MDI-X
- USB 2.0, compatible with USB 1.1
- Supports USB full and high speed modes
- Bus powered

- Full-duplex and half-duplex
- Plug & play
- Supports Windows 98SE/ME/2000/XP/Vista/7

- **Contents:** Converter , driver CD

**Technical data:**

| | |
|---|---|
| PC connection: | 1x USB Type A |
| 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

This converter is a cost effective solution to convert a USB port into a 10/100/1000Base-T Ethernet port
- Supports 10/100/1000 Mbit/s auto-sensing capability
- Supports USB 2.0, compatible with USB 1.1
- Supports Auto MDI-X
- Supports full-duplex and half-duplex operation in Fast Ethernet

- Bus powered
- Supports Windows 2000/XP/Vista/7

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

**Technical data:**

| | |
|---|---|
| PC connection: | 1x USB Type A |
| Network connection: | 1x RJ-45 F |

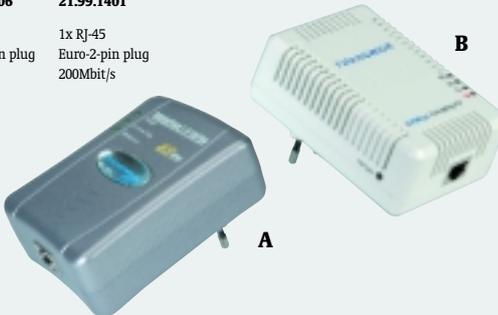| | Order-No. − Packing Unit |
|---|---|
| ROLINE USB 2.0 to Gigabit Ethernet Converter | 12.02.1105 − 10 |

## VALUE Powerline Ethernet Adapters

The Powerline Ethernet Adapters support video, audio streaming and internet accessing over the existing power line.
**Features:**
- HomePlug Adapter for PC data transfer over the home power supply system
- 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 cable to the adapters and then to the power supply systems and you will be able to use this connection as a network connection between two PCs
- Provides 128-bit AES link encryption with key management for secure powerline communications
- Plug & play auto-configuration
- LEDs indicate status
- Cat.5 UTP cable
- 21.99.1401 not downwoards compatible

**Technical data:**

| | 21.99.1406 | 21.99.1401 |
|---|---|---|
| PC/device connection: | 1x RJ-45 | 1x RJ-45 |
| Power connection: | Euro-2-pin plug | Euro-2-pin plug |
| Max. transfer rate: | 85Mbit/s | 200Mbit/s |

| | | Order-No. − Packing Unit |
|---|---|---|
| VALUE Powerline Ethernet Adapter, 85Mbit/s | A | 21.99.1406 − 10 |
| VALUE Powerline Ethernet Adapter, 200Mbit/s | B | 21.99.1401 − 5 |

## VALUE 10/100 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, 2k (21.99.3116)/1k (21.99.3119) MAC addresses, Filtering/Forwarding on Line Speed

| Order-No. | Ports | Shielded RJ-45 | Uplink | Dimensions | Housing |
|---|---|---|---|---|---|
| 21.99.3116 | 5 | 5 | yes | 30 x 170 x 110 mm | Desktop |
| 21.99.3119 | 8 | 8 | yes | 30 x 170 x 110 mm | Desktop |

| | 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 10/100 Switches

- Easy to install (plug & play)
- Provides up to 8 10/100Mbit/s ports
- Each port supports both 10/100Mbit/s speed
- Auto-negotiation and auto-sensing
- Filtering and Forwarding at full wire speed
- Full / half duplex operation for each port

- Comprehensive LED indicators provide quick, easy to read port and switch information

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

**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 |

**BestSeller**

| 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 |

## ROLINE 19'' 10/100 Switches

- These switches can be placed near the core of the network to eliminate bottlenecks and improve the overall network throughput
- These switches satisfy the need for high-quality products at an affordable price – enabling even the most budget-conscious organizations to trade up to the next level of networking power
- Support 10/100Mbit/s auto-negotiation on all ports
- Support full / half duplex mode on all ports
- Auto MDI / MDI-X on each port
- 19" rackmount size

- Comprehensive LED indicators provide quick, easy to read port and switch information

- **Contents:** Switch, power cable, 19" mounting kit, manual

| | 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 (with one of the VALUE 10/100 switches with Gigabit Uplink).
- Five/eight 10/100/1000Mbit/s ports, each with Auto-Negotiation and Full-Duplex-Mode for 1000Mbit/s
- Shielded RJ-45 ports
- Automatic MDI/MDI-X recognition on all ports

- Store-and-Forward switching with 128/256KB data buffer
- Stores up to 8k 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: 155 x 95 x 30 mm

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

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

## 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 (with one of the ROLINE 10/100 switches with gigabit uplink).
- 5/8x 10/100/1000Mbit/s ports
- Provide Store-and-Forward architecture, full wire speed filtering and forwarding rates
- Support Auto-MDI/MDI-X on all ports
- Support 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 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
- **Contents:** Switch, power supply, manual

| Technical data: | 21.14.3511 | 21.14.3512 |
|---|---|---|
| 10/100/1000 Mbit/s ports: | 5 | 8 |
| Dimensions (WxDxH): | 127 x 86 x 30 mm | 155 x 100 x 25 mm |

| | 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 Switch

- Provides 24 10/100/1000 Mbit/s gigabit ethernet ports
- Supports 10Base-T, 100Base-TX, 1000Base-T
- All ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports full/half-duplex transfer mode for 10/100 Mbit/s
- Supports full-duplex transfer mode for 1000 Mbit/s
- Store-and-Forward switching method
- 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

- **Contents:** Switch, power cord, 19" rack mount kit, driver CD, manual

| | Order-No. – Packing Unit |
|---|---|
| ROLINE Gigabit Ethernet Switch, 24 Ports | **21.14.3513** – **3** |

## ROLINE Gigabit Switches with Mini GBIC

**21.14.3506**

This Gigabit switch allows the transfer of data over Gigabit Ethernet through copper or fibre optical connections.
The mini-GBIC-port enables the installation of one SX/LC-module.

- **Connections:** 5x shielded RJ-45 ports and 1x Mini GBIC modular slot on the fibre optical side
- Mini GBIC module SX: The maximum supported cable length is 220 m using a 62.5/125 $\mu$m-fibre and 500 m using a 50/125 $\mu$m-fibre

- Supports auto-negotiation, full-duplex-mode and automatic MDI / MDI-X recognition
- Supports store-and-forward switching
- Dimensions (WxDxH): 144 x 104 x 26 mm
- Power supply over external power adapter, included in delivery
- **Content:** Switch, power supply (7.5V DC, 1A), CD (manual)

**21.13.1068:**
- **Connections:** 1x shielded RJ-45 port + 1 Mini GBIC modular slot
- Together with 21.14.3500 it can be used as a converter

**21.14.3500:**
- **Mini GBIC Modul SX/LC:** The maximum cable length for the fibre optic cable is 220 m (62.5/125 $\mu$m-fibre) and 500 m (50/125 $\mu$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 Gigabit Switchting-Converter, RJ-45 / Mini GBIC | 21.13.1068 – 1 |
| ROLINE Mini GBIC Modul SX/LC | 21.14.3500 – 1 |

## ROLINE Gigabit Converters, RJ-45-Mini GBIC

This converter is able to convert RJ-45 connections to fibre optic connections.
The fibre optical connection is modular. You can choose which connection you would like to use through a mini GBIC module. We offer you a SX/LC module.

- **Connections:** RJ-45 on the TP side / Mini GBIC modular slot on the fibre optical side
- Mini GBIC module SX: The maximal supported cable length is 220 m using a 62.5/125 $\mu$m-fibre and 500 m using a 50/125 $\mu$m-fibre

- **Dimensions (WxDxH):** 72.5 x 108 x 23 mm
- Power supply over external power adapter, included in delivery
- **Remark:** The converter does not support a repeater function
- **21.13.1069:** Includes Mini GBIC Modul SX/LC (21.14.3500)
- **Contents:** Converter, power supply, CD (manual, firmware)

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| | Order-No. – Packing Unit |
|---|---|
| ROLINE RC1000SX/LC Gigabit Converter, RJ-45 – LC | 21.13.1069 – 5 |
| ROLINE Gigabit Switchting-Converter, RJ-45 / Mini GBIC | 21.13.1068 – 1 |
| 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
- Transfer distance up to 2 km
- Dimensions (WxDxH): 72.5 x 108 x 23 mm
- Colour: grey
- These converters have no repeater function

- **Contents:** Converter, power supply (7.5V DC, 500mA), manual

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| | Order-No. – Packing Unit |
|---|---|
| ROLINE RC-100FX/SC Fast Ethernet Converter RJ-45 / SC | 21.13.1071 – 5 |
| ROLINE RC-100FX/ST Fast Ethernet Converter RJ-45 / ST | 21.13.1070 – 5 |

## ROLINE POF Media Converter Switches

- Fast Ethernet (10/100 Mbit/s) POF (Plastic Optical Fiber) Media Converter Switches
- Ports 21.13.1098: 2x Copper (RJ-45), 1x Fiber (POF – OptoLock)
- Ports 21.13.1099: 1x Copper (RJ-45), 2x Fiber (POF – OptoLock)
- Auto MDI/MDI-X crossover function on the copper port
- Supports IEEE 802.3x flow control for full-duplex operation
- For distances up to 50 m
- Support wall mounting and panel mounting
- For 1.5 mm POF cable
- We recommend using ROLINE POF cable

**21.15.9999:**
- Fiber Optic-POF cable
- Cable without plugs
- Duplex-cable wiht 1.5mm duplex (black cladded)
- Construction: Compact wire, outer jacket
- Length: 50 m

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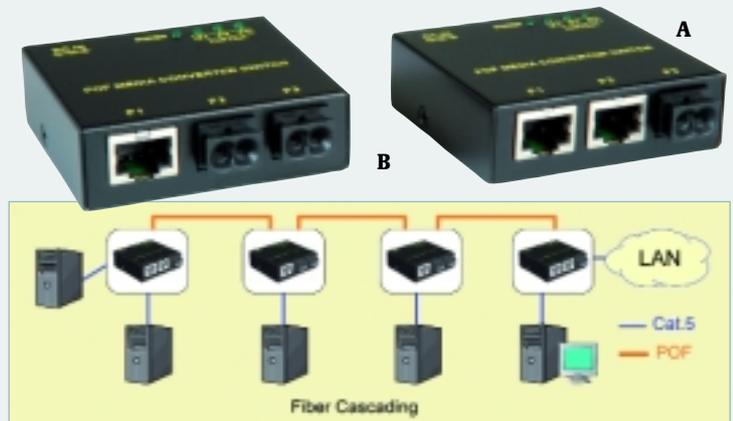


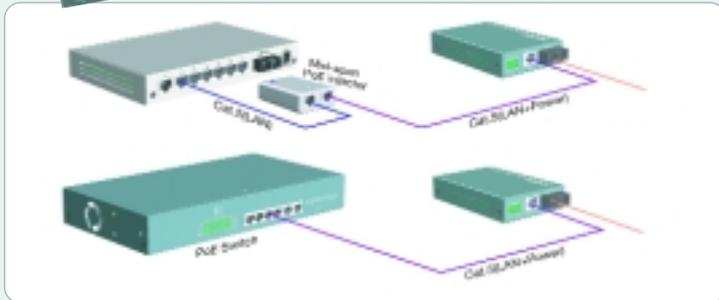| | | Order-No. – Packing Unit |
|---|---|---|
| ROLINE POF Media Converter Switch 2x TP, 1x POF | A | 21.13.1098 – 2 |
| ROLINE POF Media Converter Switch 1x TP, 2x POF | B | 21.13.1099 – 2 |
| ROLINE POF Cable 1.5mm for POF Converter 21.13.1098/99 | 50 m | 21.15.9999 – 5 |

## ROLINE Power over Ethernet Converters RJ-45 / Fiber

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

- **Contents:** PoE Converter, power supply (7.5V, 500mA), CD

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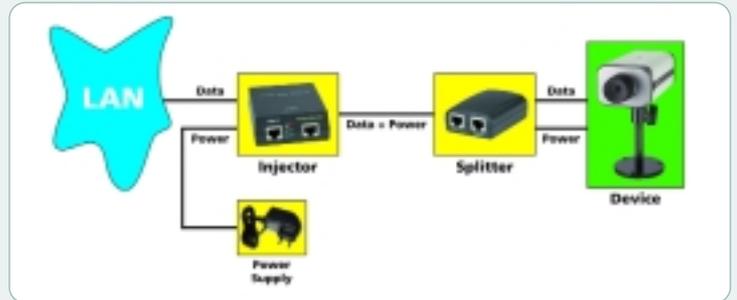| | Order-No. − Packing Unit |
|---|---|
| ROLINE Power over Ethernet Fast Ethernet Converter RJ-45 / SC | **21.13.1145 − 5** |
| ROLINE Power over Ethernet Fast Ethernet Converter RJ-45 / ST | **21.13.1146 − 5** |
| ROLINE External Power Cable, USB A to DC Plug, black       1 m | **19.08.1001 − 20** |

## VALUE Power over Ethernet

The VALUE Power over Ethernet set provides non-PoE network devices as e.g. workgroup switches, network cameras, access points, IP phones over an 8-wire network cable with data and power. For PoE capable network devices you only need the ROLINE or VALUE injector.
- Compliant with IEEE 802.3af
- Delivers power output of up to 15.4W

The VALUE PoE Set 21.99.1490 contains:
- Injector, for feeding the network cable with data/power
- Splitter, for connecting the device that shall receive data/power

**Value**

| | Order-No. − Packing Unit |
|---|---|
| VALUE PoE Injector | **21.99.1491 − 5** |
| VALUE PoE Set, Injector + Splitter | **21.99.1490 − 5** |
| VALUE PoE Injector, with Surge Protection | **21.99.1493 − 5** |
| VALUE PoE Injector, with Surge Protection, Gigabit | **21.99.1494 − 5** |
| VALUE PoE Splitter | **21.99.1495 − 5** |

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## ROLINE PoE Fast Ethernet Switch, 130W, 8 Ports

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 90~260V/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. workgroupswitches, network-cameras, access points, IP-phones.

- 8x 10/100 Mbit/s Fast Ethernet ports
- All 8 ports are 802.3af-compliant PoE-enabled PSE ports
- Each port provides up to 15.4W power
- Auto-MDI/MDI-X
- Auto-Negotiation
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides full wire speed forwarding
- LED indicators
- Casing: 11" metal case
- Internal power supply
- Dimensions (LxWxH): 266 x 160 x 44 mm

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

| | Order-No. − Packing Unit |
|---|---|
| ROLINE PoE Fast Ethernet Switch, 130W, 8 Ports | **21.13.1191 − 2** |

## ROLINE Ethernet PoE Injectors

Designed for small or medium network environment to strengthen its network connection. This Power over Ethernet injector combines 48V/DC power and data. Data transfer complies with IEEE 802.3af. It is used for workgroupswitches, network-cameras, access points, IP-phones.

- 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: 48V/DC
- Casing: Metal
- Dimensions (LxWxH): 102 x 75 x 23 mm

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

**21.13.1192:**
- 10/100 Mbit/s Fast Ethernet switch
- Power output: 48V/DC at full 15.4 W

**21.13.1193:**
- 10/100/1000 Mbit/s Gigabit Ethernet switch
- Power output: 48V/DC at full 25∼30 W

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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 | 21.13.1193 − 2 |

## ROLINE Ethernet PoE Splitters

Designed to support ethernet devices such as access points or IP cameras. It can provide four different types of DC power over an existing Cat.5 cable to a device with an ethernet port and solve the limit of the outlet location. It is a superb choice to boost your network with better performance and efficiency.

- 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 5V, 7.5V, 9V and 12 V output voltage
- Dimensions (LxWxH): 102 x 75 x 23 mm
- Casing: Metal

- **Contents:** Splitter, power cable, manual

**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 and12V/ 1.8A

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| | Order-No. − Packing Unit |
|---|---|
| ROLINE 10/100 PoE Splitter | 21.13.1194 − 2 |
| ROLINE 10/100/1000 PoE Splitter | 21.13.1195 − 2 |

## ROLINE PoE Extenders

This PoE extender is designed for extending the distance between PSE and PD for another 100 m per extender and cascading for longer distances via Cat.5 cable. It is powered by an PoE switch or PoE injector, so there is no extra power required.

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

- Casing: Metal
- Dimensions (LxWxH): 130 x 77 x 24 mm

- **Contents:** PoE Extender, manual

**21.13.1197:**
- Additionally with integrated 3-port 10/100 Mbit/s Fast Ethernet switch
- For direct connection of 3 ethernet devices
- Power output: 48V/DC on one port
- Auto-MDI/MDI-X
- Auto-Negotiation
- Store and forwarding

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| | Order-No. − Packing Unit |
|---|---|
| ROLINE PoE Extender, 2 Ports (PD+PSE), 100 m | 21.13.1196 − 2 |
| ROLINE PoE Extender, 5 Ports, with 3-port Switch | 21.13.1197 − 2 |

## 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

**A**

**B**

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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 RPU-110P, USB 2.0 Multifunction Print Server, 1x USB | B | 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

**roline**
Designed for Professionals

| | Order-No. − Packing Unit |
|---|---|
| ROLINE RRB-104, DSL / Broadband Router | 21.14.2106 − 5 |

## ROLINE Fast Ethernet Switches for Industrial Environments

- 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 – 30V DC, consumption: 2.15W resp. 2.3W (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 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/MDI-X 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 V DC, consumption: 3.6W (max.)

| | Order-No. – Packing Unit |
|---|---|
| ROLINE Gigabit Industrial Switch, 5x RJ-45, 1x LC, managed | 21.13.1160 – 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/MDI-X 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 (24VDC, 45W)
- For **PoE** functionality we recommend to use: 21.13.1228 (48VDC, 75W)
- **Contents:** Switch, manual on CD

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

## ROLINE Fast Ethernet Switches for Industrial Environments

- Eight fast ethernet copper ports and optional fiber ports
- Port 7 and Port 8 provide either 10/100BaseT or 100Base-FX (model dependent)
- Fanless, extra rugged metal housing
- All copper ports support auto-negotiation and auto-MDI/MDI-X configuration
- Unmanaged
- Provides wire speed store-and-forward switching
- Wide operating temperature range for temperature critical environment
- Industrial-rated emission and immunity performance

- Support DIN rail mounting and panel mounting
- As according power supply we recommend using DIN-rail power supply unit 21.13.1226

| | 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 Indusrial Environments, RS232 – 100Base-FX, multimode

- Transparent conversion for all RS-232 signals
- Designed for industrial environments with:
  - RS-232 surge, ESD, and isolation protection
  - DIN rail and panel mounting support
  - Wide power voltage range support
  - Terminal block and Jack-type power connectors
  - Wide operating temperature range
  - Industrial-rated emission and immunity performance
  - Fanless, rugged metal housing
- Power: Input: 7-30 V DC

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Designed for Professionals

| | Order-No. – Packing Unit |
|---|---|
| ROLINE Industrial Converter RS232 – 100Base-FX, ST | **21.13.1140 – 1** |
| ROLINE Industrial Converter RS232 – 100Base-FX, SC | **21.13.1141 – 1** |

## ROLINE Converter for Industrial Environments, 10/100Base-T – 100Base-FX, multimode

- Support full wire speed conversion for 10/100Mbit/s speed and media types
- Support auto-negotiation 10/100Mbit/s or forced mode on TP copper port
- Auto MDI/MDI-X crossover function
- Provide comprehensive manual configuration settings
- Transparent conversion to 802.1Q VLAN tagged packets
- Low power consumption
- Two power interface types: screw terminal block and DC Jack
- Supports DIN rail mounting and optional screwed plane mounting
- Industrial-rated emission and immunity performance
- Fanless, rugged metal casing
- Power: Input: 7-30 V DC, consumption: 2.6W

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Designed for Professionals

| | Order-No. – Packing Unit |
|---|---|
| ROLINE Industrial Converter RJ-45, ST | **21.13.1142 – 1** |
| ROLINE Industrial Converter RJ-45, SC | **21.13.1143 – 1** |

## 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/MDI-X
- Low power consumption
- Two power interface types: screw terminal block and DC jack
- Supports DIN rail mounting and optional screwed plane mounting
- Fanless, rugged metal casing
- Power: Input: 7-30 V DC, consumption: 2W (max.)

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| | Order-No. – Packing Unit |
|---|---|
| ROLINE Industrial Converter RJ-45, LWL 1000SX/LC | **21.13.1144 – 1** |

## KORENIX DIN-Rail Power Supply Unit

- Type: constant current limiting
- DIN-rail-mounting
- LED indication

**korenix**

| Technical data: | 21.13.1226 | 21.13.1228 |
|---|---|---|
| Output voltage: | 24V DC | 48V DC |
| Output current: | 0 to 2A | 0 to 1.6 A |
| Output power: | 45W | 75W |
| 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 | **21.13.1226 – 1** |
| KORENIX 75W 48V DIN-Rail Power Supply Unit | **21.13.1228 – 1** |

## 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.

- 21.18.1683: Supports Wireless 802.11b/g configuration
- 21.18.1762: Supports Wireless 802.11b/g/n configuration
- Provide manual focus lens (F=2.8 mm)
- Recording format – video (AVI), snapshot (JPEG)
- Include easy-to-use viewer & recorder utility
- Provide WEB browser management
- Auto sending snapshot by E-mail and FTP
- **Contents:** Camera, power supply, Cat. 5e UTP cable (90cm), antenna, roof suspension bracket, software CD, manual

**roline®**
Designed for Professionals

| Technical data: | 21.18.1683/21.18.1684 | 21.18.1762 |
|---|---|---|
| Network-connection: | RJ-45, WLAN (only 21.18.1683) | RJ-45, WLAN |
| Video resolution: | up to 640 x 480 dpi | up to 640 x 480 dpi |
| Image frame rate: | 20 fps | 30 fps |
| Memory: | 2 MB flash, 16 MB SDRAM | 4 MB flash, 32 MB SDRAM |
| Power supply: | 12V DC, 400mA | 5V DC, 1A |

| | | Order-No. – Packing Unit |
|---|---|---|
| ROLINE RIC-54 IP Camera | A | **21.18.1684 – 5** |
| ROLINE RWIC-54 WLAN IP Camera, 54 Mbit/s | B | **21.18.1683 – 5** |
| ROLINE W-LAN IP-Camera, 150 Mbit/s | C | **21.18.1762 – 5** |

## ROLINE Wireless LAN Products

In the office environment wireless networks have become well established. Actual products achieve data rates of up to 150Mbit/s or 300Mbit/s.

Independently which requirements exist for your network, ROLINE always offers you the suitable product.

The new ROLINE Wireless LAN products permit both, the wireless connection between PCs and notebooks and the connection to existing 10/100 LANs through e.g. an access point, broadband router.

### ROLINE W-LAN 150Mbit/s

**ROLINE W-LAN Broadband Router:**
- Complies with 2.4 GHz 802.11b/g standards (up to 54 Mbit/s) and forward compatible with IEEE 802.11n (up to 150 Mbit/s)
- Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK for high level of security
- Built-in 4-port switch
- Supports WMM function
- Supports WPS function for easy wireless connection
- NAT/NAPT IP sharing
- Obtain WAN IP by PPPoE/Static IP/PPTP/DHCP
- Virtual Server and DMZ function
- Supports DDNS, VPN pass through
- Anti-DoS firewall
- DHCP Server
- Fixed 3dBi dipole antenna

**ROLINE W-LAN USB Adapters:**
- Complies with 2.4 GHz 802.11b/g standards (up to 54 Mbit/s) and forward compatible with IEEE 802.11n (up to 150 Mbit/s)
- Supports USB 2.0/1.1 interface
- Supports 64/128-bit WEP, WPA, WPA2 functions for high level of security
- Supports QoS-WMM, WMM-PS
- Supports 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

21.18.1750

21.18.1752

21.18.1753

| | Order-No. – Packing Unit |
|---|---|
| ROLINE RWRB-150, 11b/g/n compatible W-LAN Broadband Router, 150Mbit/s | **21.18.1750** – **5** |
| ROLINE 11b/g/n compatible W-LAN USB Adapter, 150Mbit/s, Micro | **21.18.1752** – **5** |
| ROLINE 11b/g/n compatible W-LAN USB Adapter, 150Mbit/s, with Antenna | **21.18.1753** – **5** |

### ROLINE 11n Wireless LAN Products, 300Mbit/s

- W-LAN technology compliant with 2.4GHz 802.11n, 802.11g and 802.11b standards with up to 300Mbit/s
- Supports 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security for high level of security

**ROLINE W-LAN Broadband Router:**
- Supports WMM function
- Supports WPS function for easy wireless connection
- Virtual Server and DMZ function
- Supports DDNS, VPN pass through
- Anti-DoS firewall
- DHCP server

**ROLINE W-LAN USB Adapter:**
- MIMO technology offers farther coverage, less dead spaces and higher throughput
- Supports USB 2.0/1.1 interface
- Supports peer to peer connections between PCs and notebooks without Access Point
- Portable and small-size design
- Two internal antennas
- Supports WPS (WiFi Protected Setup)

| | Order-No. – Packing Unit |
|---|---|
| ROLINE RWRB-n, 11n W-LAN Broadband Router, 300Mbit/s | **21.18.1744** – **5** |
| ROLINE RWUSB-n, 11n W-LAN USB Adapter, 300Mbit/s | **21.18.1742** – **5** |

### 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 | **21.18.1745** – **5** |

### ROLINE Wireless LAN Antennas

To install a complete W-LAN Network as shown in the picture you need passive Wireless LAN components in addition to the active ones. Please see our complete range of W-LAN antennas below.

A

B

RP-SMA ST

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

## VIVOTEK Network Cameras

VIVOTEK 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 scaleable, high performance wired or wireless IP surveillance system that can effectively monitor and protect valuable assets.

0With the installation of a networked surveillance system, you can locally or remotely monitor the safety and security of people and property anywhere, anytime. Networked

surveillance makes it possible to send live images and audio for remote monitoring, learning, troubleshooting, web broadcasting and any other activity requiring a remote presence.

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.

| | | Order-No. – Packing Unit |
|---|---|---|
| VIVOTEK IP Camera PZ7131 | A | 21.19.1266 – 1 |
| VIVOTEK IP Camera PZ7132 | B | 21.19.1267 – 1 |
| VIVOTEK IP Camera FD7132 | C | 21.19.1259 – 1 |
| VIVOTEK IP Camera FD8161 | D | 21.19.1307 – 1 |
| VIVOTEK IP Camera SD7151 | E | 21.19.1015 – 1 |
| VIVOTEK IP Camera SD7323 | E | 21.19.1281 – 1 |
| VIVOTEK IP Camera FD7141 | F | 21.19.1265 – 1 |
| VIVOTEK IP Camera IP8330 | G | 21.19.1317 – 1 |
| VIVOTEK IP Camera IP8332 | G | 21.19.1318 – 1 |
| VIVOTEK IP Camera IP7361 | H | 21.19.1301 – 1 |
| VIVOTEK IP Camera IP7133 | I | 21.19.1262 – 1 |
| VIVOTEK IP Camera IP7134 | I | 21.19.1263 – 1 |
| VIVOTEK IP Camera IP8151 | | 21.19.1319 – 1 |
| VIVOTEK IP Camera IP7161 | J | 21.19.1273 – 1 |
| VIVOTEK IP Camera IP8161 | J | 21.19.1300 – 1 |
| VIVOTEK IP Camera IP7160 | K | 21.19.1275 – 1 |
| VIVOTEK IP Camera IP7130 | K | 21.19.1282 – 1 |
| VIVOTEK IP Camera MD7530 | L | 21.19.1321 – 1 |
| VIVOTEK IP Camera MD7560 | L | 21.19.1320 – 1 |



| Order-No. | Model | Sensor | Lens | Max. resolution | Opt. zoom | Frames/s (fps) | WLAN | Digital I/O | Specials |
|---|---|---|---|---|---|---|---|---|---|
| 21.19.1266/1267 | PZ7131/32 | 1/4 CMOS | 2.8 – 7.3 mm | 640 x 480 | 2.6x opt. | up to 25 | no / yes | yes | PoE, pan/tilt 350°/125° |
| 21.19.1259 | FD7132 | 1/4 CMOS | 3.3 – 12.0 mm | 640 x 480 | 4x dig. | up to 25 | no | yes | PoE, IR Cut, IR LED |
| 21.19.1307 | FD8161 | 1/3.2 CMOS | 3.0 – 9.0 mm | 1600 x 1200 | ePTZ | up to 15 | no | yes | PoE, IR Cut, IR LED |
| 21.19.1015 | SD7151 | 1/4 prog. CCD | 4.1 – 73.8 mm | 640 x 480 | 18x opt. | up to 25 | no | yes | IR Cut, Outdoor |
| 21.19.1281 | SD7323 | 1/4 Exview HAD CCD | 3.4 – 119.0 mm | 704 x 576 | 35x opt. | up to 25 | no | yes | WDR, IR Cut, Outdoor, EIS |
| 21.19.1265 | FD7141 | 1/3 WDR CMOS | 3.3 – 12.0 mm | 640 x 480 | 4x dig. | up to 25 | no | yes | PoE, IR Cut, IR LED, Outdoor |
| 21.19.1317 | IP8330 | 1/4 CMOS | 4.0 mm | 640 x 480 | 4x dig. | up to 60 | no | yes | PoE, IR Cut, IR LED, Outdoor |
| 21.19.1318 | IP8332 | 1/4 CMOS | 3.6 mm | 1280 x 800 | 4x dig. | up to 25 | no | yes | PoE, IR Cut, IR LED, Outdoor |
| 21.19.1301 | IP7361 | 1/3.2 CMOS | 3.0 – 9.0 mm | 1600 x 1200 | ePTZ | up to 15 | no | yes | PoE, IR Cut, IR LED, Outdoor |
| 21.19.1262/1263 | IP7133/34 | 1/4 CMOS | 4.09 mm | 640 x 480 | 4x dig. | up to 25 | no / yes | yes | Privacy Button |
| 21.19.1319 | IP8151 | 1/3 CMOS | 3.0 – 9.0 mm | 1280 x 1024 | 4x dig. | up to 25 | no | yes | PoE, IR Cut, SDHC |
| 21.19.1273 | IP7161 | 1/3.2 CMOS | 4.5 – 10.0 mm | 1600 x 1200 | ePTZ | up to 15 | no | yes | PoE, IR Cut, SDHC |
| 21.19.1300 | IP8161 | 1/3.2 CMOS | 3.0 – 8.0 mm | 1600 x 1200 | ePTZ | up to 15 | no | yes | PoE, IR Cut, BNC |
| 21.19.1275 | IP7160 | 1/3.2 CMOS | 4.2 mm | 1600 x 1200 | ePTZ | up to 15 | no | yes | PoE, SDHC |
| 21.19.1282 | IP7130 | 1/4 CMOS | 4.0 mm | 640 x 480 | 4x dig. | up to 25 | no | yes | PoE, SDHC |
| 21.19.1321 | MD7530 | 1/4 CMOS | 2.8 mm | 640 x 480 | 4x dig. | up to 25 | no | No | PoE, microSDHC, Outdoor |
| 21.19.1320 | MD7560 | 1/3.2 CMOS | 3.6 mm | 1600 x 1200 | ePTZ | up to 15 | no | no | PoE, microSDHC, Outdoor |

## 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, w. Power Supply | 21.19.1089 – 1 |
| Outdoor Camera Enclosure KD2-6HT, with Power Supply, transparent | 21.19.1310 – 1 |
| Outdoor Camera Enclosure KD2-6HT, with Power Supply, smoked | 21.19.1311 – 1 |

| Order.-No. | Model | Description | Suitable for |
|---|---|---|---|
| 21.19.1089 | TPH5000/080 | outdoor camera enclosure, heater, fan, 12V power supply | Vivotek IP7131/32, IP7130, IP8151, IP8161, IP7161, IP7153/54, IQEye 70x/75x |
| 21.19.1310 | KD2-6T/HT | dome outdoor enclosure, transparent glass | Vivotek PZ7121/22, PT7135/37, PZ7131/32 |
| 21.19.1311 | KD2-6S/HT | dome outdoor enclosure, smoked glass | Vivotek PZ7121/22, PT7135/37, PZ7131/32 |

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

- Structured building wiring
- Impedance: 100 Ω
- 3P certified
- Length: 300 m
- Colour: Grey
- **Construction:** 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)
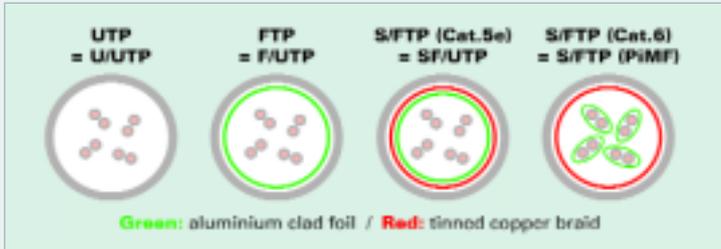VALUE Cat.5e UTP Patch Cord, grey, 5 m: 21.99.0505

Our in-house laboratory has tested this cable-plug combination, in a Channel of 100 meters, in compliance with Class D specifications.
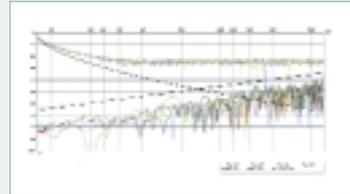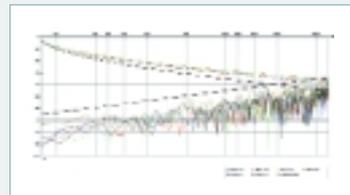
| | | Order-No. — Packing Unit |
|---|---|---|
| VALUE UTP Cable Cat.5e, Solid Wire, AWG24 | 300 m | 21.99.0595 − 2 |

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

**Green:** aluminium clad foil / **Red:** tinned copper braid

## 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

**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

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.

| | | Order-No. — Packing Unit |
|---|---|---|
| ROLINE UTP Cable Cat.5e, Solid Wire | 100 m | 21.15.0512 − 2 |
| ROLINE UTP Cable Cat.5e, Stranded Wire | 100 m | 21.15.0518 − 2 |
| ROLINE UTP Cable Cat.5e, Solid Wire | 300 m | 21.15.0511 − 1 |
| ROLINE UTP Cable Cat.5e, Stranded Wire | 300 m | 21.15.0520 − 1 |

## 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

**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)
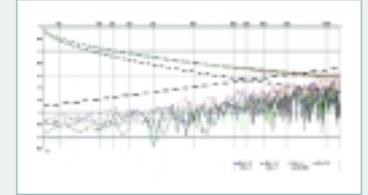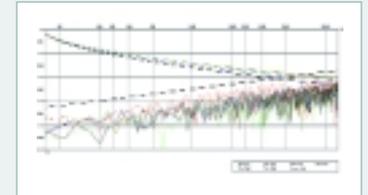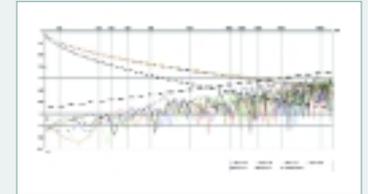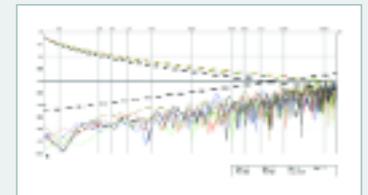ROLINE Cat.5e FTP Patch Cord, grey, 5 m: 21.15.0105

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.

| | | Order-No. — Packing Unit |
|---|---|---|
| ROLINE FTP Cable Cat.5e, Solid Wire | 100 m | 21.15.0009 − 2 |
| ROLINE FTP Cable Cat.5e, Stranded Wire | 100 m | 21.15.0119 − 2 |
| ROLINE FTP Cable Cat.5e, Solid Wire | 300 m | 21.15.0010 − 1 |
| ROLINE FTP Cable Cat.5e, Stranded Wire | 300 m | 21.15.0121 − 1 |

## 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

**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.

| | | Order-No. — Packing Unit |
|---|---|---|
| ROLINE S/FTP Cable Cat.5e, Solid Wire | 100 m | 21.15.0019 − 2 |
| ROLINE S/FTP Cable Cat.5e, Stranded Wire | 100 m | 21.15.0319 − 2 |
| ROLINE S/FTP Cable Cat.5e, Solid Wire | 300 m | 21.15.0020 − 1 |
| ROLINE S/FTP Cable Cat.5e, Stranded Wire | 300 m | 21.15.0321 − 1 |

## VALUE Cat.6 UTP Cable, Solid Wire

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

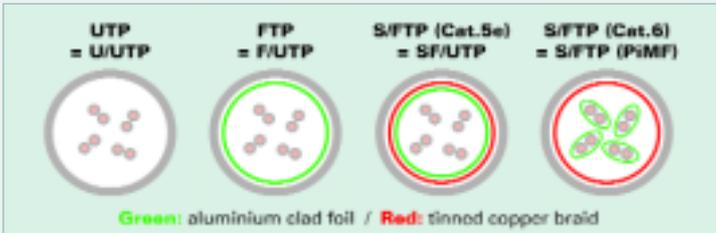**For a structured cabling system we recommend to use the following components:**
VALUE Cat.6 UTP Cable, Solid Wire, AWG24, 300 m: 21.99.0995
VALUE Cat.6 Flush/Surface Mount Wall Jack, unshielded, white: 25.99.8494/25.99.8394

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.

| | | Order-No. — Packing Unit |
|---|---|---|
| VALUE UTP Cable Cat.6, Solid Wire, AWG24 | 300 m | **21.99.0995 − 2** |



## 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)**

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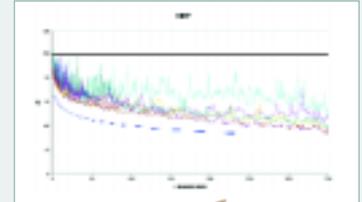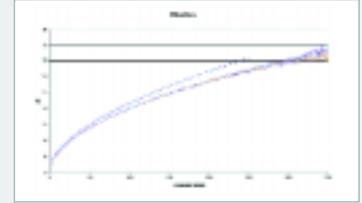ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m)
ROLINE Cat.6 Flush Mount Wall Jack, unshielded: 25.16.8494 (white), 25.16.8500 (ivory)
ROLINE Cat.6 Surface Mount Wall Jack, unshielded: 25.16.8394 (white), 25.16.8395 (ivory)
ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: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

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).



| | | Order-No. — Packing Unit |
|---|---|---|
| ROLINE UTP Cable Cat.6, Solid Wire, AWG23 | 100 m | **21.15.0990 − 1** |
| 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 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)**

**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).



| | | 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 − 5** |
| ROLINE S/FTP Cable Cat.6, Solid Wire, AWG23, halogen-free | 300 m | **21.15.1889 − 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
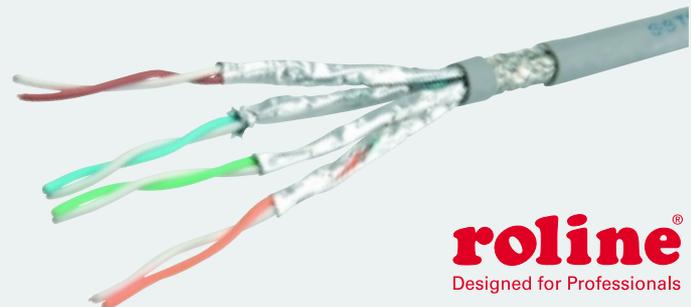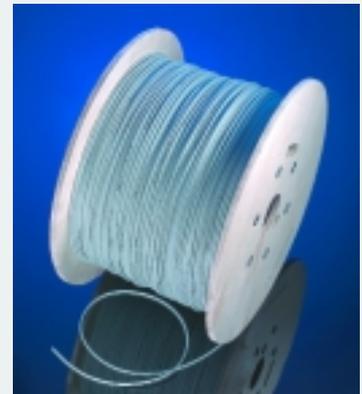


| | | Order-No. — Packing Unit |
|---|---|---|
| ROLINE S/FTP PiMF Cable Cat.7, Solid Wire | 100 m | **21.15.0001 − 5** |
| ROLINE S/FTP PiMF Cable Cat.7, Solid Wire | 300 m | **21.15.0003 − 1** |
| ROLINE S/FTP PiMF Cable Cat.7, Solid Wire, halogen-free | 300 m | **21.15.0004 − 1** |

## 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

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| | | Order-No. — Packing Unit |
|---|---|---|
| ROLINE Retractable Flat UTP LAN Cable for Notebooks | 2 m | **21.15.0591 – 20** |

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

**Green:** aluminium clad foil / **Red:** tinned copper braid

## 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

**Value**

| | | 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 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

**Value**

| | | 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 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

**Value**

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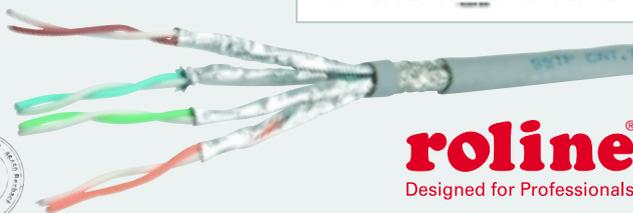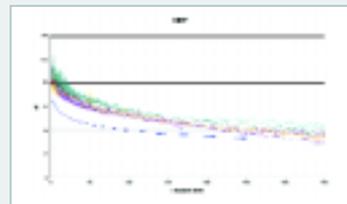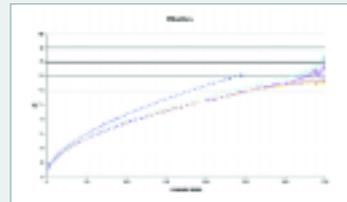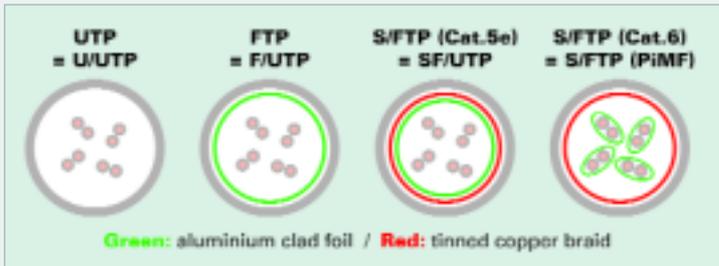ROLINE Cat.5e UTP Cable, Solid Wire, AWG24: 21.15.0512 (100 m), 21.15.0511 (300 m)
ROLINE Cat.5e Flush/Surface Mount Box, unshielded: 25.16.8506 (white), 25.16.8501 (ivory)/25.16.8406 (white), 25.16.8401 (ivory)
ROLINE Cat.5e 19" Patch Panel, 24 Ports, unshielded: 26.11.0349 (black), 26.11.0347 (light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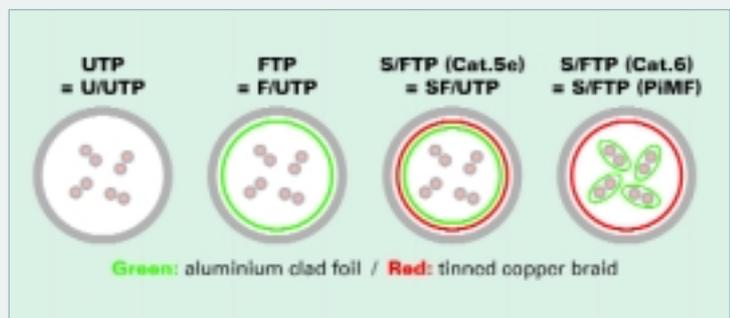
## ROLINE Cat.5e UTP Patch Cords crossover

- 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 | **21.15.0600 — 100** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 1.0 m | **21.15.0601 — 100** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 2.0 m | **21.15.0602 — 100** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 3.0 m | **21.15.0603 — 50** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 5.0 m | **21.15.0605 — 50** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 10.0 m | **21.15.0610 — 40** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 15.0 m | **21.15.0615 — 30** |
| ROLINE UTP Patch Cord Cat.5e, crossover, grey | 20.0 m | **21.15.0620 — 20** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 0.5 m | **21.15.0621 — 100** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 1.0 m | **21.15.0631 — 100** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 2.0 m | **21.15.0641 — 100** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 3.0 m | **21.15.0651 — 50** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 5.0 m | **21.15.0661 — 50** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 10.0 m | **21.15.0671 — 40** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 15.0 m | **21.15.0681 — 30** |
| ROLINE UTP Patch Cord Cat.5e, crossover, red | 20.0 m | **21.15.0691 — 20** |

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

**Green:** aluminium clad foil / **Red:** tinned copper braid

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| 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.
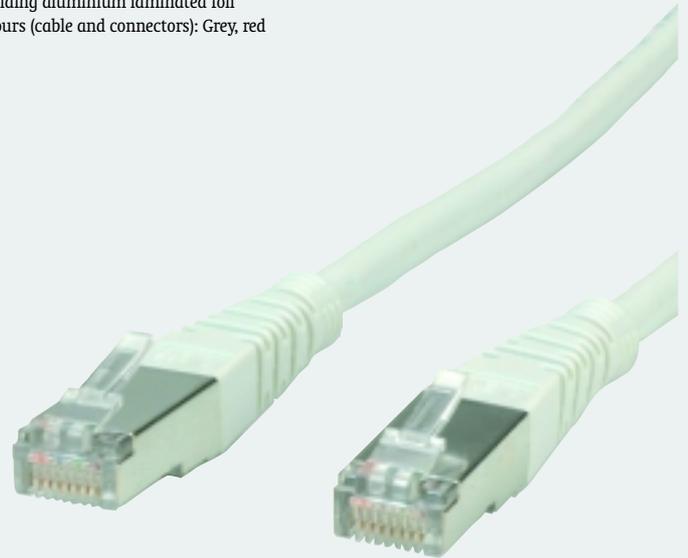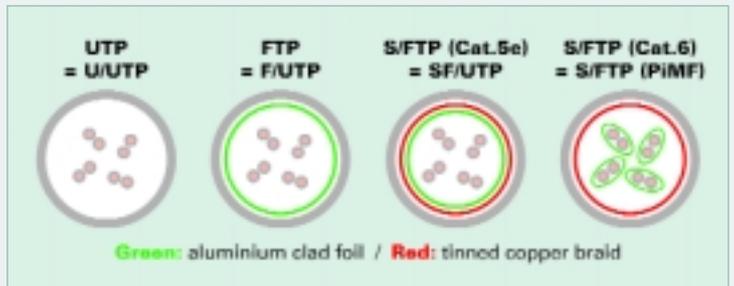
## ROLINE Cat.5e FTP Patch Cords crossover

- 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 | 21.15.0200 | – | 100 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 1.0 m | 21.15.0201 | – | 100 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 2.0 m | 21.15.0202 | – | 100 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 3.0 m | 21.15.0203 | – | 50 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 5.0 m | 21.15.0205 | – | 50 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 10.0 m | 21.15.0210 | – | 40 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 15.0 m | 21.15.0215 | – | 30 |
| ROLINE FTP Patch Cord Cat.5e, crossover, grey | 20.0 m | 21.15.0220 | – | 20 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 0.5 m | 21.15.0221 | – | 100 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 1.0 m | 21.15.0231 | – | 100 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 2.0 m | 21.15.0241 | – | 100 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 3.0 m | 21.15.0251 | – | 50 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 5.0 m | 21.15.0261 | – | 50 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 10.0 m | 21.15.0271 | – | 40 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 15.0 m | 21.15.0281 | – | 30 |
| ROLINE FTP Patch Cord Cat.5e, crossover, red | 20.0 m | 21.15.0291 | – | 20 |

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

**Green:** aluminium clad foil  /  **Red:** tinned copper braid

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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 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

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

## 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 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

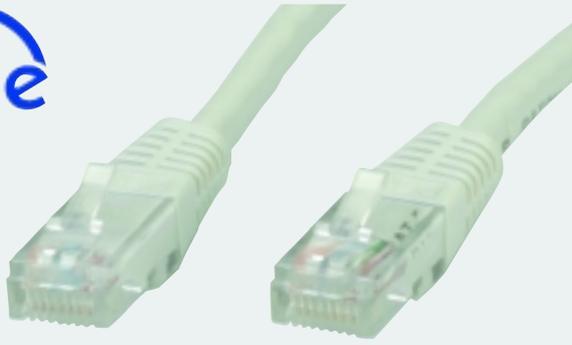**For a structured shielded Cat.6a cabling system we recommend to use the following components:**
ROLINE Cat.6a S/FTP Cable, Solid Wire, 300 m: 21.15.0881
ROLINE Flush Mount Wall Jack for Keystones: 25.16.8579
ROLINE Cat.6a Keystone, RJ-45, shielded: 21.11.0366
ROLINE Cat.6a 19" Keystone Patch Panel: 26.11.0368
ROLINE Cat.6a S/FTP Patch Cord, 5 m: 21.15.0865

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

**A**

**A + B**

| | | Order-No. − Packing Unit |
|---|---|---|
| ROLINE Flush Mounting Socket for Keystones, 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 |

| 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 | − 100 |
| 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 Ohm
- 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

**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

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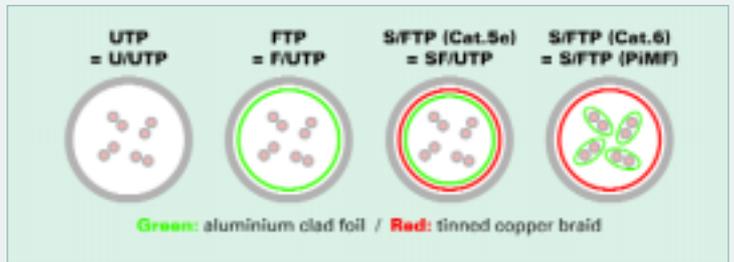
- Cable jacketing: LSOH – Low Smoke Zero Halogen – cable emits limited smoke and no halogens when exposed to high sources of heat

**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.



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

**Green:** aluminium clad foil / **Red:** tinned copper braid

**roline®**
Designed for Professionals

| 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 |
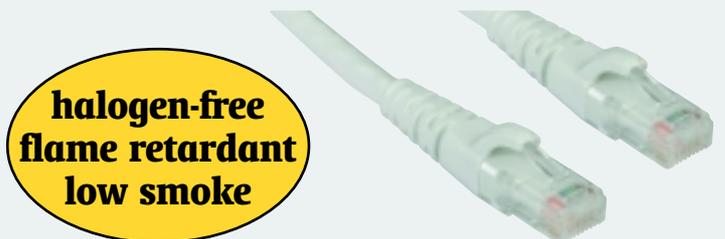
**halogen-free flame retardant low smoke**



| 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 | − 100 |
| 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

- Connection cable for structured building cabling
- Impedance: 100 Ω
- Prepared cable with screened RJ-45 plug on both ends, incl. kink protection
- **Construction:** 8 wires copper wire
- Pairs shielded with aluminium foil, complete shielding with copper braid

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

**For a structured Cat.6 S/FTP halogen-free cabling 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.

| 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 Fibre Optic Jumper Cables 50/125$\mu$m

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

**TOP**
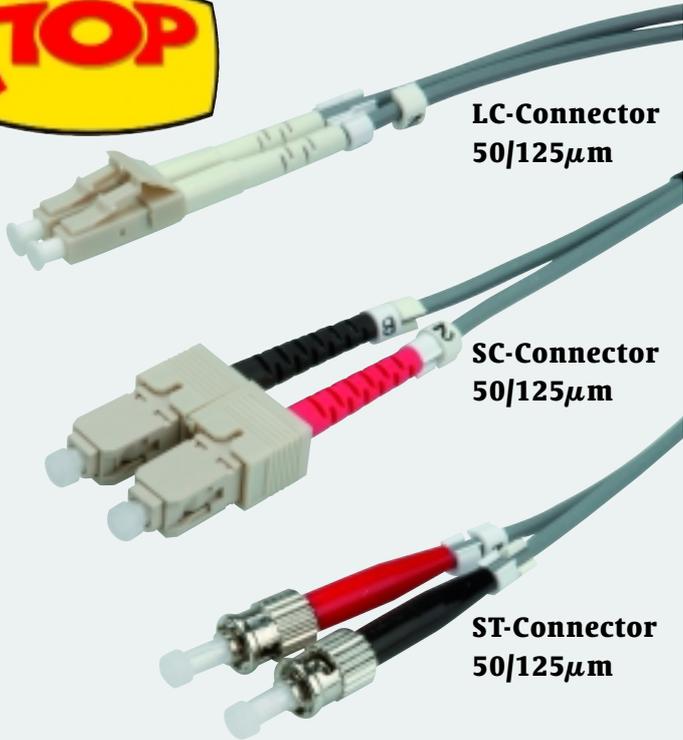
LC-Connector 50/125$\mu$m

SC-Connector 50/125$\mu$m

ST-Connector 50/125$\mu$m

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

## VALUE Fibre Optic Jumper Cables 62.5/125$\mu$m

- Excellent price perfomance ratio
- Good characteristics in respect of insertion loss and reflection
- Duplex cables with fiber type 62.5/125$\mu$m
- **Cable construction:** Compact conductor, Kevlar tension reduction, PVC outer coating, $\varnothing$ 2.8 x 6 mm
- Three different fiber connector types (LC, SC and ST) available in all varieties
- Color: Orange
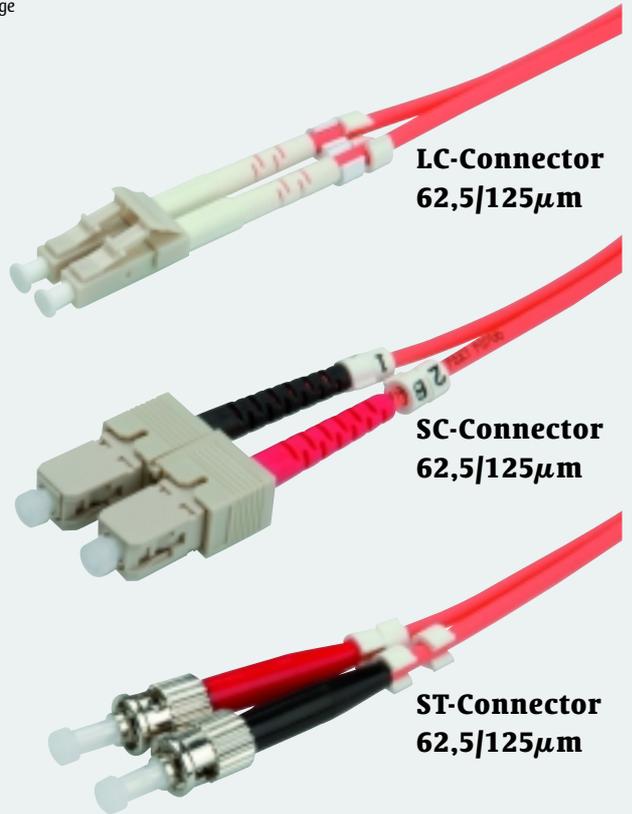
LC-Connector 62,5/125$\mu$m

SC-Connector 62,5/125$\mu$m

ST-Connector 62,5/125$\mu$m

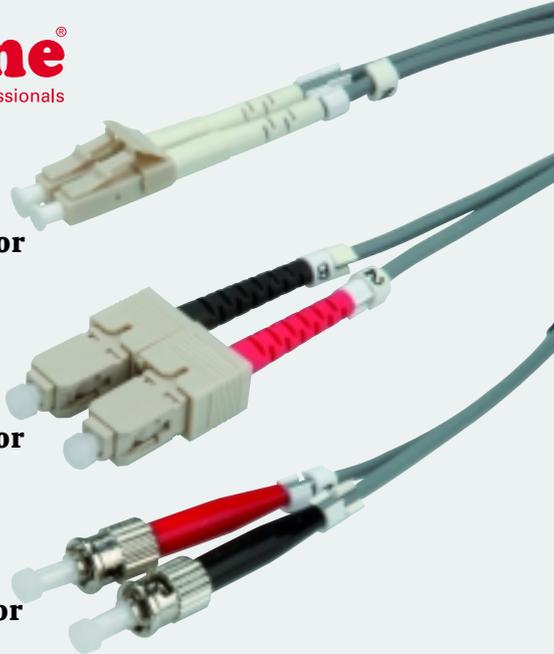| | | Order-No. | – Packing Unit |
|---|---|---|---|
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/SC, orange | 0.5 m | 21.99.9200 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/SC, orange | 1.0 m | 21.99.9201 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/SC, orange | 2.0 m | 21.99.9202 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/SC, orange | 3.0 m | 21.99.9203 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/SC, orange | 5.0 m | 21.99.9205 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m SC/SC, orange | 0.5 m | 21.99.9300 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m SC/SC, orange | 1.0 m | 21.99.9301 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m SC/SC, orange | 2.0 m | 21.99.9302 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m SC/SC, orange | 3.0 m | 21.99.9303 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m SC/SC, orange | 5.0 m | 21.99.9305 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/ST, orange | 0.5 m | 21.99.9400 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/ST, orange | 1.0 m | 21.99.9401 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/ST, orange | 2.0 m | 21.99.9402 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/ST, orange | 3.0 m | 21.99.9403 | – 40 |
| VALUE FO Jumper Cable 62,5/125$\mu$m ST/ST, orange | 5.0 m | 21.99.9405 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/LC, orange | 0.5 m | 21.99.9250 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/LC, orange | 1.0 m | 21.99.9251 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/LC, orange | 2.0 m | 21.99.9252 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/LC, orange | 3.0 m | 21.99.9253 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/LC, orange | 5.0 m | 21.99.9255 | – 10 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/ST, orange | 0.5 m | 21.99.9450 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/ST, orange | 1.0 m | 21.99.9451 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/ST, orange | 2.0 m | 21.99.9452 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/ST, orange | 3.0 m | 21.99.9453 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/ST, orange | 5.0 m | 21.99.9455 | – 10 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/SC, orange | 0.5 m | 21.99.9350 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/SC, orange | 1.0 m | 21.99.9351 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/SC, orange | 2.0 m | 21.99.9352 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m LC/SC, orange | 3.0 m | 21.99.9353 | – 20 |
| VALUE FO Jumper Cable 62,5/125$\mu$m 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 ∅ 2.8 x 6.0 mm |

**LC-Connector 50/125μm**

**SC-Connector 50/125μm**

**ST-Connector 50/125μm**

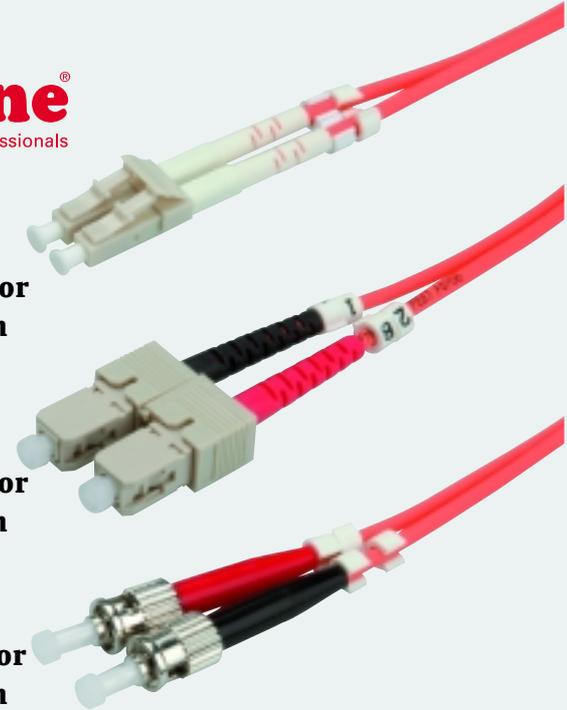| | | Order-No. – Packing Unit |
|---|---|---|
| ROLINE FO Jumper Cable 50/125μm ST/SC, grey | 0.5 m | 21.15.9800 – 20 |
| ROLINE FO Jumper Cable 50/125μm ST/SC, grey | 1.0 m | 21.15.9801 – 40 |
| ROLINE FO Jumper Cable 50/125μm ST/SC, grey | 2.0 m | 21.15.9802 – 40 |
| ROLINE FO Jumper Cable 50/125μm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

## 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 ∅ 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 | 21.15.9200 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm ST/SC, orange | 1.0 m | 21.15.9201 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm ST/SC, orange | 2.0 m | 21.15.9202 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm ST/SC, orange | 3.0 m | 21.15.9203 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm ST/SC, orange | 5.0 m | 21.15.9205 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm ST/SC, orange | 10.0 m | 21.15.9209 – 10 |
| ROLINE FO Jumper Cable 62.5/125μm SC/SC, orange | 0.5 m | 21.15.9300 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm SC/SC, orange | 1.0 m | 21.15.9301 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm SC/SC, orange | 2.0 m | 21.15.9302 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm SC/SC, orange | 3.0 m | 21.15.9303 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm SC/SC, orange | 5.0 m | 21.15.9305 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm SC/SC, orange | 10.0 m | 21.15.9309 – 10 |
| ROLINE FO Jumper Cable 62.5/125μm ST/ST, orange | 0.5 m | 21.15.9400 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm ST/ST, orange | 1.0 m | 21.15.9401 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm ST/ST, orange | 2.0 m | 21.15.9402 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm ST/ST, orange | 3.0 m | 21.15.9403 – 40 |
| ROLINE FO Jumper Cable 62.5/125μm ST/ST, orange | 5.0 m | 21.15.9405 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm ST/ST, orange | 10.0 m | 21.15.9410 – 10 |
| ROLINE FO Jumper Cable 62.5/125μm LC/LC, orange | 0.5 m | 21.15.9249 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/LC, orange | 1.0 m | 21.15.9251 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/LC, orange | 2.0 m | 21.15.9252 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/LC, orange | 3.0 m | 21.15.9253 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/LC, orange | 5.0 m | 21.15.9255 – 10 |
| ROLINE FO Jumper Cable 62.5/125μm LC/LC, orange | 10.0 m | 21.15.9260 – 5 |
| ROLINE FO Jumper Cable 62.5/125μm LC/ST, orange | 0.5 m | 21.15.9450 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/ST, orange | 1.0 m | 21.15.9451 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/ST, orange | 2.0 m | 21.15.9452 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/ST, orange | 3.0 m | 21.15.9453 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/ST, orange | 5.0 m | 21.15.9455 – 10 |
| ROLINE FO Jumper Cable 62.5/125μm LC/ST, orange | 10.0 m | 21.15.9460 – 5 |
| ROLINE FO Jumper Cable 62.5/125μm LC/SC, orange | 0.5.0 m | 21.15.9349 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/SC, orange | 1.0 m | 21.15.9351 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/SC, orange | 2.0 m | 21.15.9352 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/SC, orange | 3.0 m | 21.15.9353 – 20 |
| ROLINE FO Jumper Cable 62.5/125μm LC/SC, orange | 5.0 m | 21.15.9355 – 10 |
| ROLINE FO Jumper Cable 62.5/125μm LC/SC, orange | 10.0 m | 21.15.9360 – 5 |

## ROLINE Fibre Optic Jumper Cables, 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 50/125$\mu$m, 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 |

Designed for Professionals

**LC-LC, OM3**

**LC-SC, OM3**

**LC-ST, OM3**

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

## 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**

Designed for Professionals

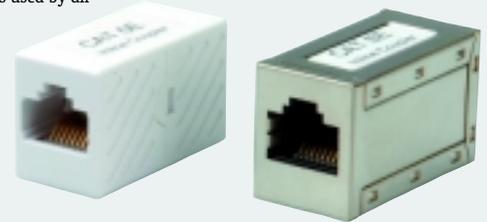| | | Order-No. – Packing Unit |
|---|---|---|
| ROLINE Cat.5e Modular Plug, 8p8c, unshielded, for Stranded Wire | 10 pcs. | 12.01.1087 – 100 |
| ROLINE Cat.5e Modular Plug, 8p8c, shielded, for Stranded Wire | 10 pcs. | 12.01.1089 – 100 |
| ROLINE Cat.6 Modular Plug, unshielded, for Stranded Wire | 10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

## ROLINE Modular Couplers Cat.5e and Cat.6

- The couplers are available in 2 versions:
- shielded with metal housing
- unshielded with plastic housing
- The couplers are able to extend Cat.5e cables
- Best transmission characteristics for pair combination 1/2 and 3/6 (as used by all ethernet versions)

Designed for Professionals

| | Order-No. – Packing Unit |
|---|---|
| ROLINE Cat.5e Modular Coupler, unshielded | 21.17.3001 – 20 |
| ROLINE Cat.5e Modular Coupler, shielded | 21.17.3002 – 20 |
| ROLINE Cat.6 Modular Coupler, shielded | 21.17.3041 – 200 |
| ROLINE Cat.6 Modular Coupler, unshielded | 21.17.3043 – 200 |

## 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

Designed for Professionals

| | Order-No. – Packing Unit |
|---|---|
| ROLINE Junction Box Cat.5e, STP | 21.17.3035 – 100 |
| ROLINE Junction Box Cat.5e, UTP | 21.17.3036 – 200 |
| ROLINE Junction Box Cat.6, STP | 21.17.3065 – 20 |
| ROLINE Junction Box Cat.6, UTP | 21.17.3066 – 20 |

## VALUE T-Adapters Cat.5e

- Provides flexibility in different structured wiring applications
- Connection cable (17 cm) with RJ-45 plug; adapter with two RJ-45 jacks
- Wiring scheme on the adapter
- For Cat. 5e installations
- Note: The adapters can be used only pairwise

| | Order-No. — Packing Unit |
|---|---|
| VALUE T-Adapter Cat.5e, UTP | **21.99.3045 — 50** |
| VALUE T-Adapter Cat.5e, STP | **21.99.3050 — 50** |

## 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** |

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

- The ROLINE Patch Panels for wall mounting offer proven Category 5e performance with mordern 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** |

## 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 LSAplus 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 | **25.99.8392 — 20** |
| VALUE Cat.6 Surface Mount Wall Jack, unshielded | white | **25.99.8394 — 20** |
| VALUE Cat.6 Flush Mount Wall Jack, shielded | white | **25.99.8492 — 20** |
| VALUE Cat.6 Flush Mount Wall Jacks, unshielded | white | **25.99.8494 — 20** |

## 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.

## 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.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 |

| | | 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 |

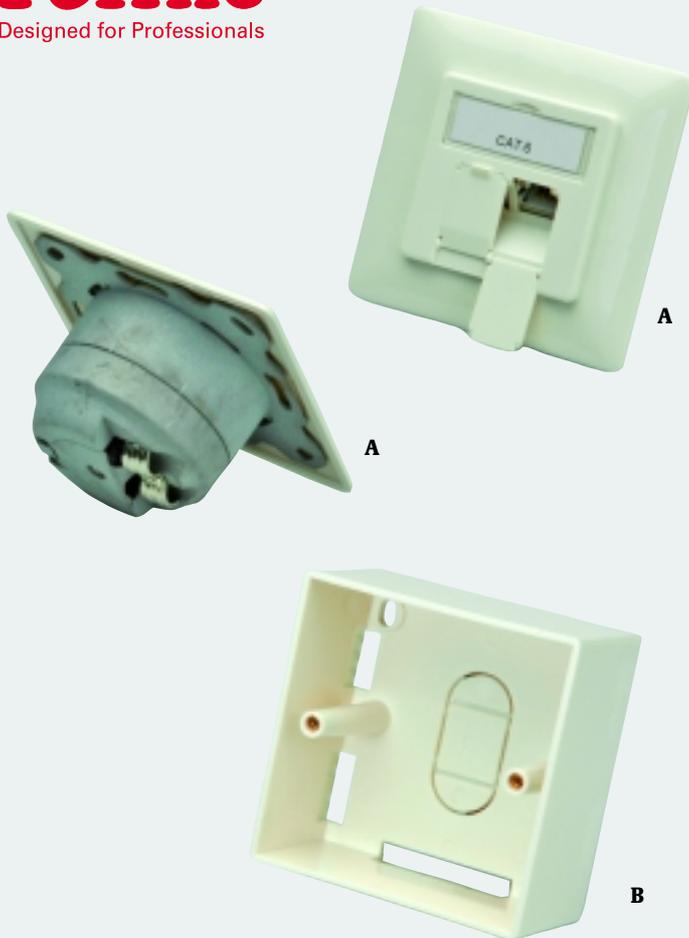## ROLINE Cat.6 Wall Jack, shielded, 360° accessible

- The ROLINE 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
- Cable assembly takes place using LSA-plus piercing terminals with colour coding on the top in accordance with EIA/TIA 568
- With flexible entrance: 360° accessible, cable assembly from 24 directions by 15° steps

**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, Cat.6, shielded: 25.16.8483
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

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

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**A**

**A**

**B**

| | | Order-No. | – Packing Unit |
|---|---|---|---|
| ROLINE Flush Mount Wall Jack, Cat.6, shielded, 360° accessible | A | 25.16.8483 | – 20 |
| ROLINE Surface Wall Mount Frame | B | 25.16.8484 | – 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)
ROLINE 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)
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

**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)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, unshielded: 26.11.0353
ROLINE Cat.6 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:**
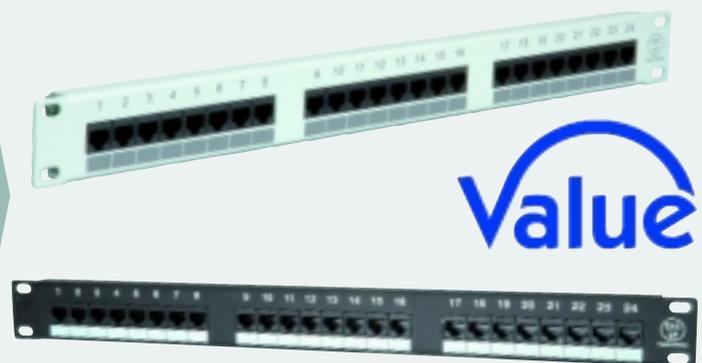ROLINE Cat.6 S/FTP Cable, Solid Wire, AWG23: 21.15.0890 (100 m), 21.15.0891 (300 m)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358
ROLINE Cat.6 19" Keystone Patch Panel, 24 ports, shielded: 26.11.0359 (light grey), 26.11.0360 (black)
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.

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**A + B**

**A**

| | | | Order-No. | – Packing Unit |
|---|---|---|---|---|
| ROLINE Cat.5e Keystone, RJ-45, unshielded | light grey | | 26.11.0343 | – 60 |
| ROLINE Cat.6 Keystone, RJ-45, unshielded | light grey | | 26.11.0353 | – 60 |
| ROLINE Cat.6 Keystone, RJ-45, shielded | silver | | 26.11.0358 | – 60 |
| ROLINE Flush Mount Wall Jack for Keystones, unloaded | | A | 25.16.8579 | – 20 |
| ROLINE Surface Wall Mount Frame | | B | 25.16.8484 | – 20 |

## 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 | 26.99.0349 | – 5 |
| VALUE Cat.5e 19" Patch Panel, 24 Ports, UTP | light grey | 26.99.0347 | – 5 |

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

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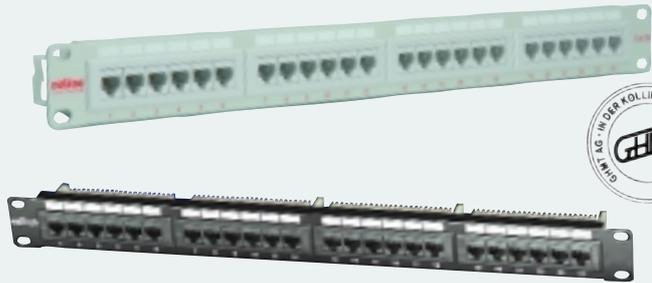- 24 ports
- Colour: Black, light grey

**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)

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.



| | | Order-No. – Packing Unit | |
|---|---|---|---|
| ROLINE Cat.5e 19" Patch Panel, 24 Ports, UTP | black | **26.11.0349** – 5 | |
| ROLINE Cat.5e 19" Patch Panel, 24 Ports, UTP | light grey | **26.11.0347** – 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



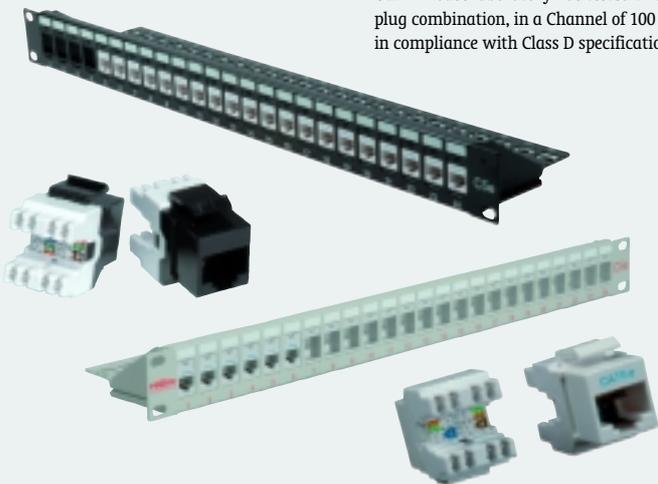| | | Order-No. – Packing Unit | |
|---|---|---|---|
| VALUE Cat.5e 19" Patch Panel, 24 Ports, STP | black | **26.99.0328** – 5 | |
| VALUE Cat.5e 19" Patch Panel, 24 Ports, STP | light grey | **26.99.0329** – 5 | |

## 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 | |

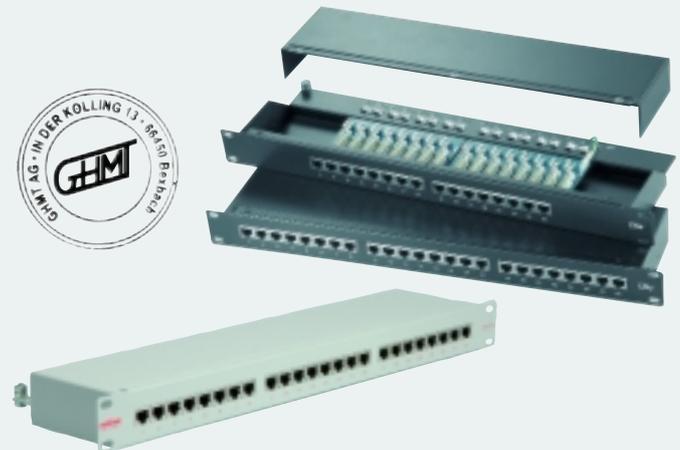## ROLINE Cat.5e 19" Patch Panel, STP

- 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.



| | | Order-No. – Packing Unit | |
|---|---|---|---|
| ROLINE Cat.5e 19" Patch Panel, 16 Ports, STP | black | **26.11.0320** – 3 | |
| ROLINE Cat.5e 19" Patch Panel, 16 Ports, STP | light grey | **26.11.0321** – 3 | |
| ROLINE Cat.5e 19" Patch Panel, 24 Ports, STP | black | **26.11.0328** – 3 | |
| ROLINE Cat.5e 19" Patch Panel, 24 Ports, STP | light grey | **26.11.0329** – 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
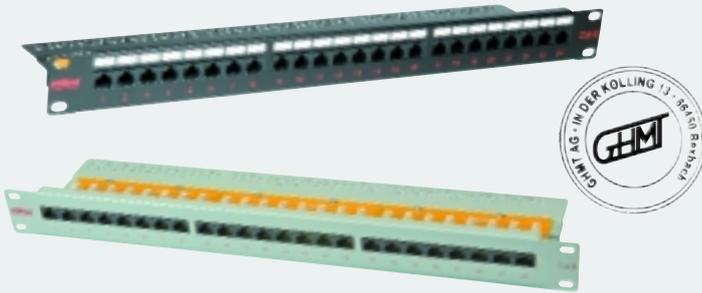- Sheet steel housing and cover
- 24 Ports
- Colour: Black and light grey

**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

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).

| | | 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.6/Class E 19" Patch Panel, UTP

- 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
- 48 ports
- Colour: Black

**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, 48 Ports, unshielded, black: 26.11.0370
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.

**48 Ports**

| | | Order-No. | – Packing Unit |
|---|---|---|---|
| ROLINE Cat.6/Class E 19" Patch Panel, 48 Ports, UTP, 1U | black | **26.11.0370** – | **3** |

## VALUE Cat.6 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.

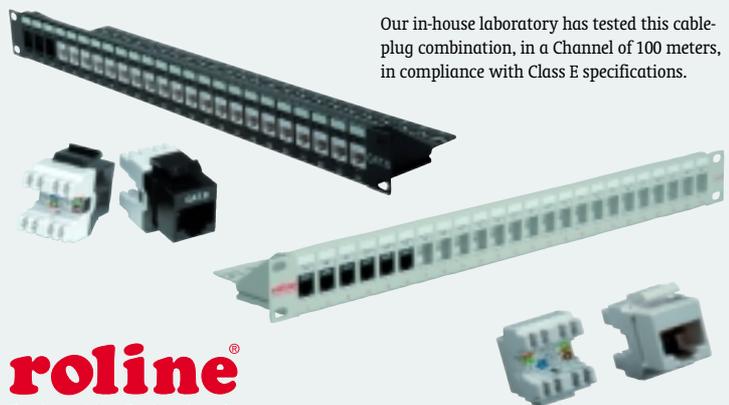| | | Order-No. | – Packing Unit |
|---|---|---|---|
| VALUE Cat.6 19" Keystone Patch Panel, 24 Ports, UTP, loaded | black | **26.99.0351** – | **3** |
| VALUE Cat.6 19" Keystone Patch Panel, 24 Ports, UTP, loaded | grey | **26.99.0352** – | **3** |

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

- 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)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, unshielded: 26.11.0353
ROLINE Cat.6 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 |
|---|---|---|---|
| ROLINE Cat.6 19" Keystone Patch Panel, 24 Ports, UTP | black | **26.11.0357** – | **5** |
| ROLINE Cat.6/Class E Keystone, RJ-45, unshielded | black | **26.11.0352** – | **60** |
| ROLINE Cat.6 19" Keystone Patch Panel, 24 Ports, UTP | light grey | **26.11.0356** – | **5** |
| ROLINE Cat.6 Keystone, RJ-45, unshielded | light grey | **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



| | | Order-No. | — Packing Unit |
|---|---|---|---|
| VALUE Cat.6 19" Patch Panel, 24 Ports, STP | black | 26.99.0353 | — 5 |
| VALUE Cat.6 19" Patch Panel, 24 Ports, STP | grey | 26.99.0354 | — 5 |

## BestSeller

## 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

**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).

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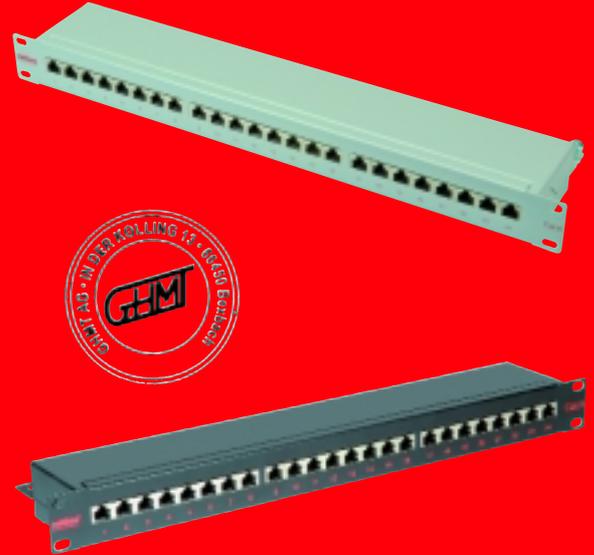
## ROLINE Cat.6/Class E 19" Patch Panel, STP

- 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
- Installation hight: only 1U (44 mm)

**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, 48 Ports, shielded: 26.11.0371
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 specifications.

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**48 Ports**

| | | Order-No. | — Packing Unit |
|---|---|---|---|
| ROLINE Cat.6/Class E 19" Patch Panel, 48 Ports, STP, 1U | black | 26.11.0371 | — 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

**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)
ROLINE Flush Mount Wall Jack for Keystones, unloaded: 25.16.8579
ROLINE Cat.6 Keystone, RJ-45, shielded: 26.11.0358
ROLINE Cat.6 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.

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| | | Order-No. | — Packing Unit |
|---|---|---|---|
| ROLINE Cat.6 19" Keystone Patch Panel, 24 ports, STP | black | 26.11.0360 | — 5 |
| ROLINE Cat.6 19" Keystone Patch Panel, 24 ports, STP | light grey | 26.11.0359 | — 5 |
| ROLINE Cat.6 Keystone, RJ-45, shielded | silver | 26.11.0358 | — 60 |