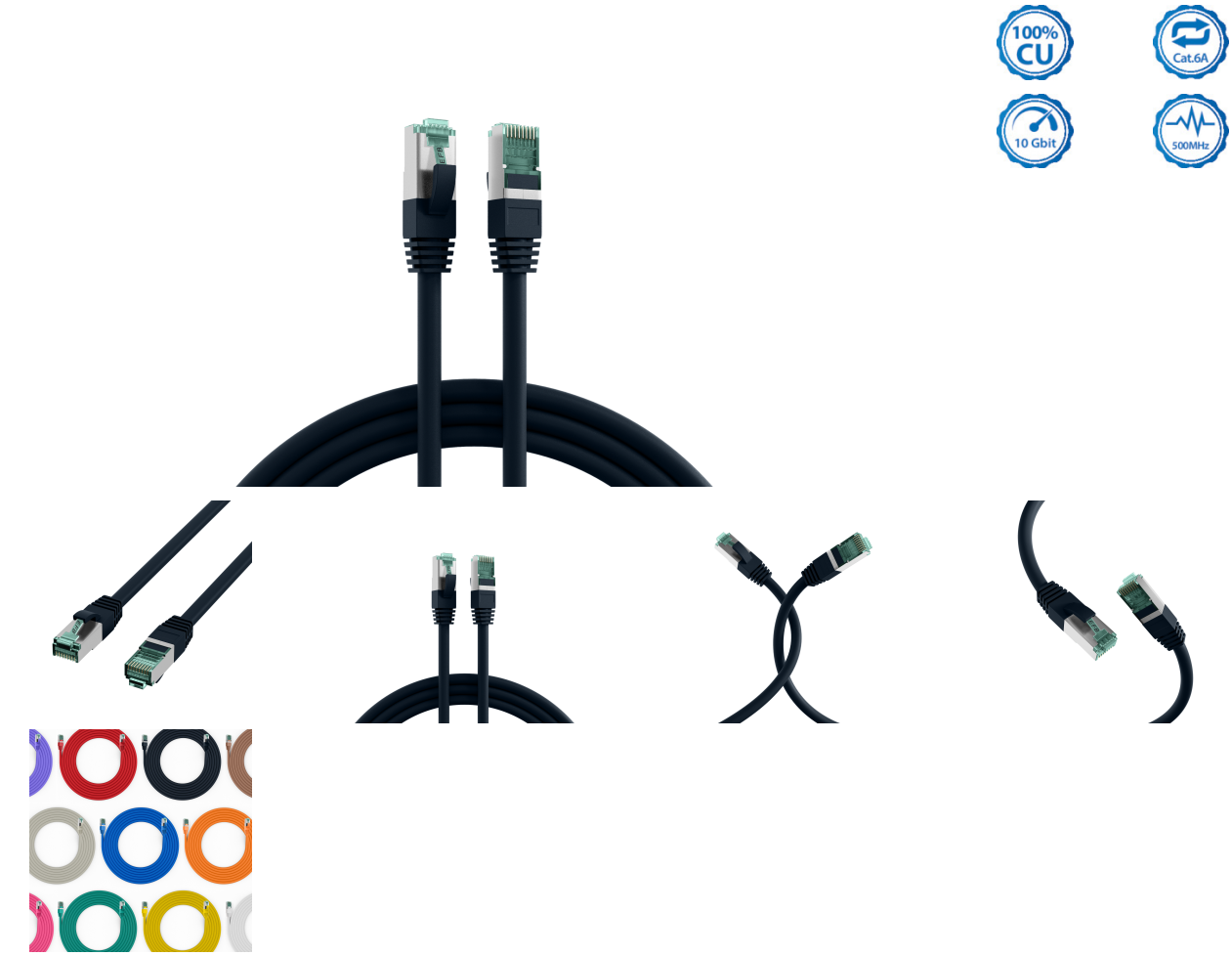
# DATASHEET

## RJ45 Patch Cord Cat.6A S/FTP LSZH black 40m




### General data

RJ45 patch cable Cat.6A S/FTP LSZH

The Cat.6A (TIA) patch cable meets the requirements for 10Gbit Ethernet and has gold-plated contacts.

Technical product features
- Cat.6A (TIA)
- S/FTP cable with AWG26/7
- Sheath material made of halogen-free LSZH
- Fire protection: flame-retardant, halogen-free , low smoke
- Plug connection: RJ45 to RJ45
- With locking lever protection
- Has gold-plated contacts

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## RJ45 Patch Cord Cat.6A S/FTP LSZH black 40m

The jacket of the shielded patch cable is made of halogen-free LSZH material and has a long imprint on the grommet. The cable also offers the option of power supply via PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt.

The assignment of the yellow RJ45 plugs is according to TIA/EIA 568B and is 1: 1. Suitable for the temperature range -20 - 60 °C.

The network cable has a conductor material made of copper and is ideal for use in structured building cabling, industrial Ethernet and in data centers. The frequency range is 500MHz.

### Tekniske egenskaber

### Available variants

| ArtNr. | Bezeichnung | Length | POE class | Length tolerance |
|---|---|---|---|---|
| MK6001.0,15B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 0,15m | 0.15 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.0,25B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 0,25m | 0.25 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.0,5B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 0,5m | 0.5 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.1B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 1m | 1.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.1,5B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 1,5m | 1.5 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.2B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 2m | 2.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.3B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 3m | 3.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.5B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 5m | 5.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.7,5B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 7,5m | 7.5 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.10B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 10m | 10.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| MK6001.15B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 15m | 15.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at | ±5 % |
| MK6001.20B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 20m | 20.0 m | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at | ±5 % |
| MK6001.25B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 25m | 25.0 m | PoE acc. to IEEE802.3af | ±5 % |
| MK6001.30B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 30 | 30.0 m | PoE acc. to IEEE802.3af | ±5 % |

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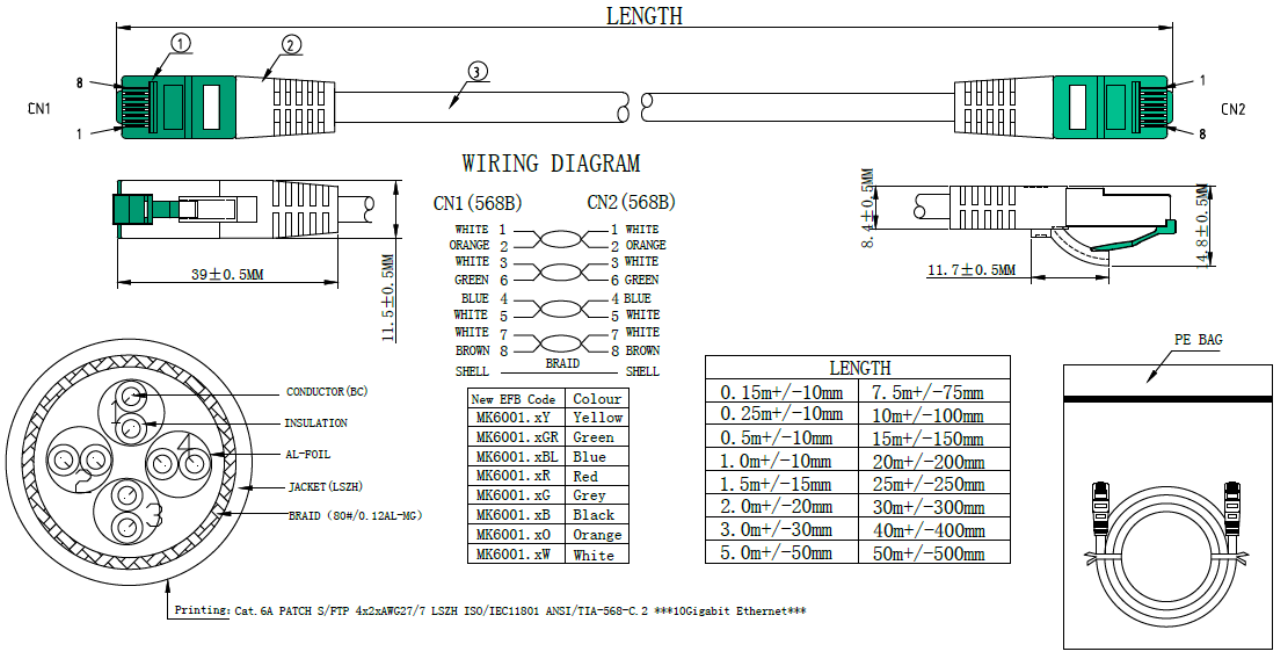
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## RJ45 Patch Cord Cat.6A S/FTP LSZH black 40m

| | | | | |
|---|---|---|---|---|
| MK6001.40B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 40m | 40.0 m | No | ±5 % |
| MK6001.50B | RJ45 Patch Cord Cat.6A S/FTP LSZH black 50m | 50.0 m | No | ±5 % |

**datasheets.content.drawings**




| New EFB Code | Colour |
|---|---|
| MK6001.xY | Yellow |
| MK6001.xGR | Green |
| MK6001.xBL | Blue |
| MK6001.xR | Red |
| MK6001.xG | Grey |
| MK6001.xB | Black |
| MK6001.xO | Orange |
| MK6001.xW | White |

| LENGTH | |
|---|---|
| 0.15m+/−10mm | 7.5m+/−75mm |
| 0.25m+/−10mm | 10m+/−100mm |
| 0.5m+/−10mm | 15m+/−150mm |
| 1.0m+/−10mm | 20m+/−200mm |
| 1.5m+/−15mm | 25m+/−250mm |
| 2.0m+/−20mm | 30m+/−300mm |
| 3.0m+/−30mm | 40m+/−400mm |
| 5.0m+/−50mm | 50m+/−500mm |

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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