DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH grey 1m



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 AWG27/7
- Jacket 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

This datasheet was created automatically on 22-11-2026 . Technical changes reserved.

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The sheath of the shielded patch cable is made of halogen-free LSZH material and has a length imprint on the grommet. In addition, the cable 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 green 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 applications in structured building cabling, industrial Ethernet and in data centers. The bandwidth is 500 MHz.

Tekniske egenskaber

Available variants

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

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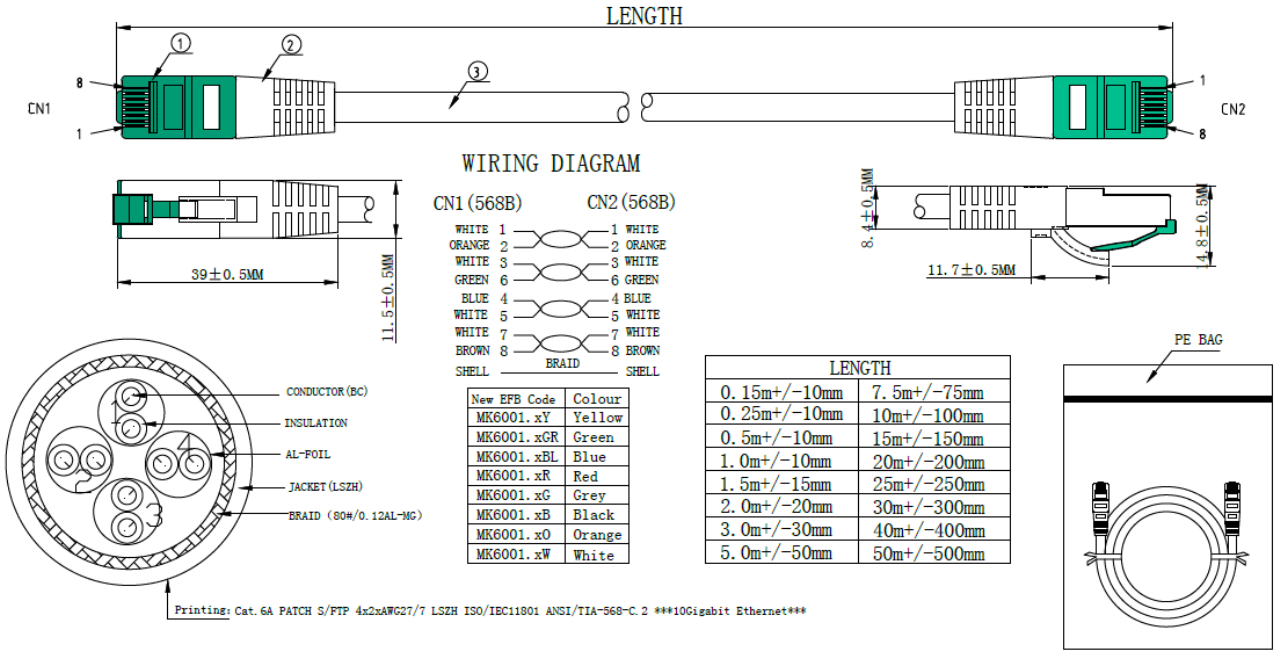
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MK6001.40G	RJ45 Patch Cord Cat.6A S/FTP LSZH grey 40m	40.0 m	No	±5 %
MK6001.50G	RJ45 Patch Cord Cat.6A S/FTP LSZH grey 50m	50.0 m	No	±5 %

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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