

# DATASHEET

RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 5m



## General data

RJ45 patch cable Cat.6A S/FTP TPE Cat.7 raw cable superflex

The Cat.6A (IEC) patch cable has gold-plated contacts and enables 10Gbit Ethernet as a transmission standard.

### Technical product features

- Cat.6A (IEC)
- S/FTP cable with AWG26/7
- Sheath material made of halogen-free TPE/LSZH
- Fire protection: flame-retardant, halogen-free, low smoke
- Plug connection: RJ45 to RJ45
- With locking lever protection

- Has gold-plated contacts

The jacket of the shielded patch cable is made of halogen-free TPE/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 blue RJ45 plugs is according to TIA/EIA 568B and is 1: 1. Suitable for the extended temperature range -20 - 75 °C.

The LAN cable has a conductor material made of copper and is ideal for applications in structured building cabling, industrial Ethernet and in data centers. This enables a bandwidth of up to 500 MHz.

#### Technical properties

(Halogenfree)	acc. IEC60754-2
AWG-size	
Allocation	acc. TIA/EIA 568B
Anti-kink sleeve	
Area of application	Data center
Bending radius	
Cable construction	
Cable shape	rund
Cable type	
Cabling standard	ANSI/TIA-568
Category	6A (IEC)
Colour anti-kink sleeve	
Colour outer sheath	
Conductive shield	360° shield contact
Conductor Material	Copper
Conductor resistance DC	142 Ω/km
Connector	IEC 60603-7-51
Connector type	RJ45 standard blue
Contact Resistance	30 mΩ
Contacts	Gold plated
Current capacity	max. 1 A
Fire retardant version	acc. IEC60332-1
Harmonised Standard	
Impedance	
Insulation Resistance	

Jacket material	
Length imprint	True
Locking lever	
Loop resistance	284 Ω/km
Low smoke	acc. IEC61034
Mating cycles	
Model	shielded
Oil resistant	No
Operating Temperature	
Operating-/ tempering voltage	max. 50 V DC
Outer diameter of the cable	
Ozone resistance	No
Pin assignment	
Raw cable	
Resistance unbalance	
Resistant to chemicals	False
Silicone-free	True
Suitable for degree of protection (IP)	IP20
Tape width	
Test voltage	
Transmission	
Type of connector connection 1	
Type of connector connection 2	
UL apporobated	False
UV resistant	