DATASHEET

RJ45 Patch Cord Cat.6A S/FTP TPE black 10m



General data

RJ45 patch cable Cat.6A S/FTP TPE

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

Technical product properties
- Cat.6A (TIA)
- S/FTP cable with AWG26/7
- Jacket material made of halogen-free TPE/LSZH
- Fire protection: flame-retardant, halogen-free, low-smoke
- Jacket properties: UV-resistant
- 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. 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 RJ45 connectors are assigned 1:1 and in accordance with TIA/EIA 568B. Suitable for the extended temperature range of -40 – 80 °C.

This datasheet was created automatically on 01-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Patch Cord Cat.6A S/FTP TPE black 10m

The LAN cable has a copper conductor and is ideal for use 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
K5538SW.1	RJ45 Patch Cord Cat.6A S/FTP TPE black 1m	1.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.2	RJ45 Patch Cord Cat.6A S/FTP TPE black 2m	2.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.3	RJ45 Patch Cord Cat.6A S/FTP TPE black 3m	3.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.5	RJ45 Patch Cord Cat.6A S/FTP TPE black 5m	5.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at	±5 %
K5538SW.7,5	RJ45 Patch Cord Cat.6A S/FTP TPE black 7,5m	7.5 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.10	RJ45 Patch Cord Cat.6A S/FTP TPE black 10m	10.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.15	RJ45 Patch Cord Cat.6A S/FTP TPE black 15m	15.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.20	RJ45 Patch Cord Cat.6A S/FTP TPE black 20m	20.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5538SW.30	RJ45 Patch Cord Cat.6A S/FTP TPE black 30m	30.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at	±5 %

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.

This datasheet was created automatically on 01-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION