# DATASHEET

## RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 25m




### General data

RJ45 patch cable Cat.6A S/FTP PUR Cat.7 raw cable TM31

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

Technical product properties
- Cat.6A (TIA)
- S/FTP cable with AWG26/7
- Sheath material made of polyurethane (PUR)
- Sheath properties: UV-resistant
- Plug connection: RJ45 to RJ45
- With locking lever protection
- Has gold-plated contacts

The sheath of the shielded patch cable is made of polyurethane (PUR) 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 assignment of the yellow TM31 plugs is according to TIA/EIA 568B and is 1: 1.

**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 PUR Cat.7 raw cable TM31 black 25m

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

### Tekniske egenskaber

### Available variants

| ArtNr. | Bezeichnung | Length | POE class | Length tolerance |
|---|---|---|---|---|
| K3130.0,5 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 0,5m | 0.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.1 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 1m | 1.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.1,5 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 1,5m | 1.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.2 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 2m | 2.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.3 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 3m | 3.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.5 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 5m | 5.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.7,5 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 7,5m | 7.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at | ±5 % |
| K3130.10 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 10m | 10.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.15 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 15m | 15.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.20 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 20m | 20.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.25 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 25m | 25.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K3130.30 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 30m | 30.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at | ±5 % |
| K3130.50 | RJ45 Patch Cord Cat.6A S/FTP PUR Cat.7 raw cable TM31 black 50m | 50.0 m | No | ±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.



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