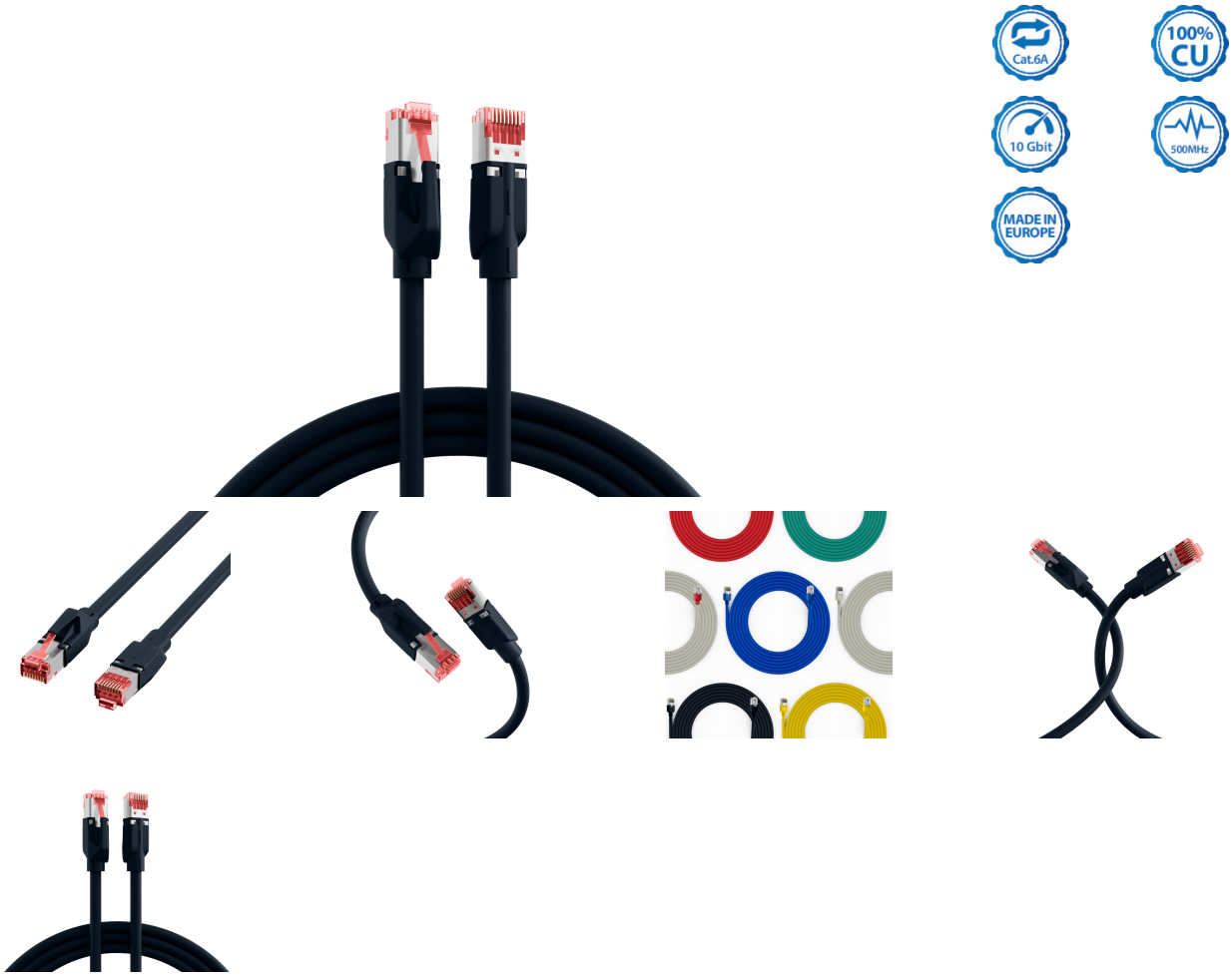
# DATASHEET

## RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 20m




### General data

RJ45 patch cable Cat.6A S/FTP Datwyler 7702 TM21

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

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

**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

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## RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 20m

• Has gold-plated contacts

The jacket of the shielded patch cable is made of halogen-free LSZH material. 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 red TM21 plugs is according to TIA/EIA 568B and is 1 :1.

The Ethernet 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 |
|---|---|---|---|---|
| K8708SW.0,5 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 0,5m | 0.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.1 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 1m | 1.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.1,5 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 1,5m | 1.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.2 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 2m | 2.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.3 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 3m | 3.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.5 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 5m | 5.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.7,5 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 7,5m | 7.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.10 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 10m | 10.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.15 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 15m | 15.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.20 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 20m | 20.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8708SW.25 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 25m | 25.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at | ±5 % |
| K8708SW.30 | RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 30m | 30.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at | ±5 % |
| K8708SW.0,15 | | 0.15 m | | |
| K8708SW.0,25 | | 0.25 m | | |

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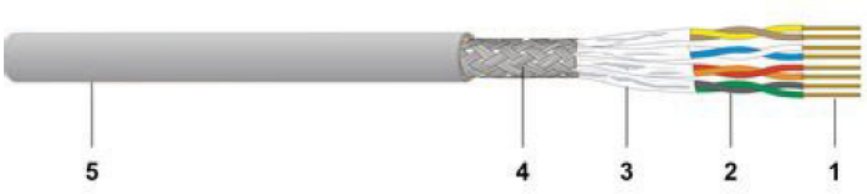
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## RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 black 20m

**datasheets.content.drawings**




1 **Innenleiter:** AWG26, Cu-Litze, blank
2 **Ader:** Ø 0.99 mm
3 **Abschirmung Paar:** Alu PETP-Folie
4 **Abschirmung:** Cu-Geflecht, verzinnt
5 **Mantel:** LSZH , grau, RAL 7035

Belegung: 1 -sw- 1
2 -gn- 2
3 -rt- 3
4 -bl- 4
5 -ws- 5
6 -or- 6
7 -ge- 7
8 -br- 8
Schirm beidseitig auf Gehäuse!

Farbe / Code weiß /blau, rot/orange, schwarz/grün, gelb/braun, nach IEC 60189 und IEC 60708

**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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