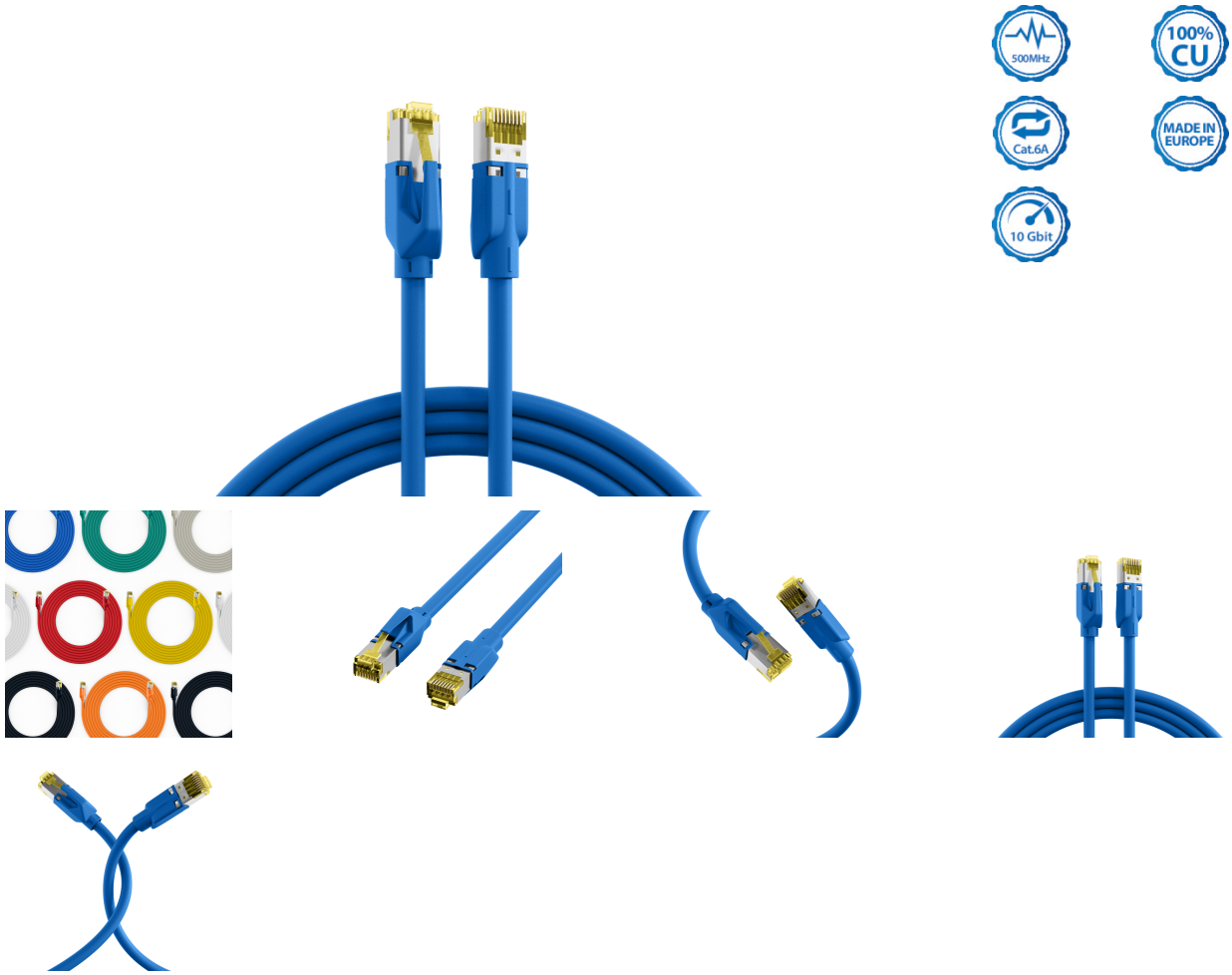
DATASHEET



General data

RJ45 patch cable Cat.6A S/FTP LSZH Datwyler 7702 TM31

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

Technical product features
- 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
- Has gold-plated contacts

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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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The jacket of the shielded patch cable is made of halogen-free 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 assignment of the yellow TM31 plugs is 1:1 and follows TIA/EIA 568B.

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. The bandwidth is 500 MHz.

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	Length	POE class	Length tolerance
K8580BL.0,50	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 0,5m	0.5 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.1	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 1m	1.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.1,5	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 1,5m	1.5 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.2	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 2m	2.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.3	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 3m	3.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.5	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 5m	5.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.10	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 10m	10.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.15	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 15m	15.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.20	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 20m	20.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8580BL.25	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 25m	25.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at	±5 %
K8580BL.30	RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 blue 30m	30.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at	±5 %
K8580BL.40		40.0 m		
K8580BL.50		50.0 m		
K8580BL.7,5		7.5 m		

datasheets.content.drawings

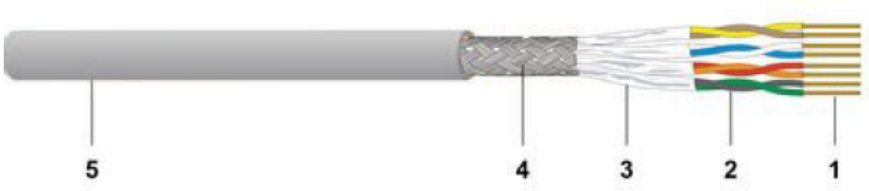
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1 **Innenleiter:** AWG26, Cu-Litze, blank
2 **Ader:** Ø 0.99 mm
3 **Abschirmung Paar:** Alu PETP-Folie
4 **Abschirmung:** Cu-Geflecht, verzinnt
5 **Mantel:** LSZH , grau, RAL 7035

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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