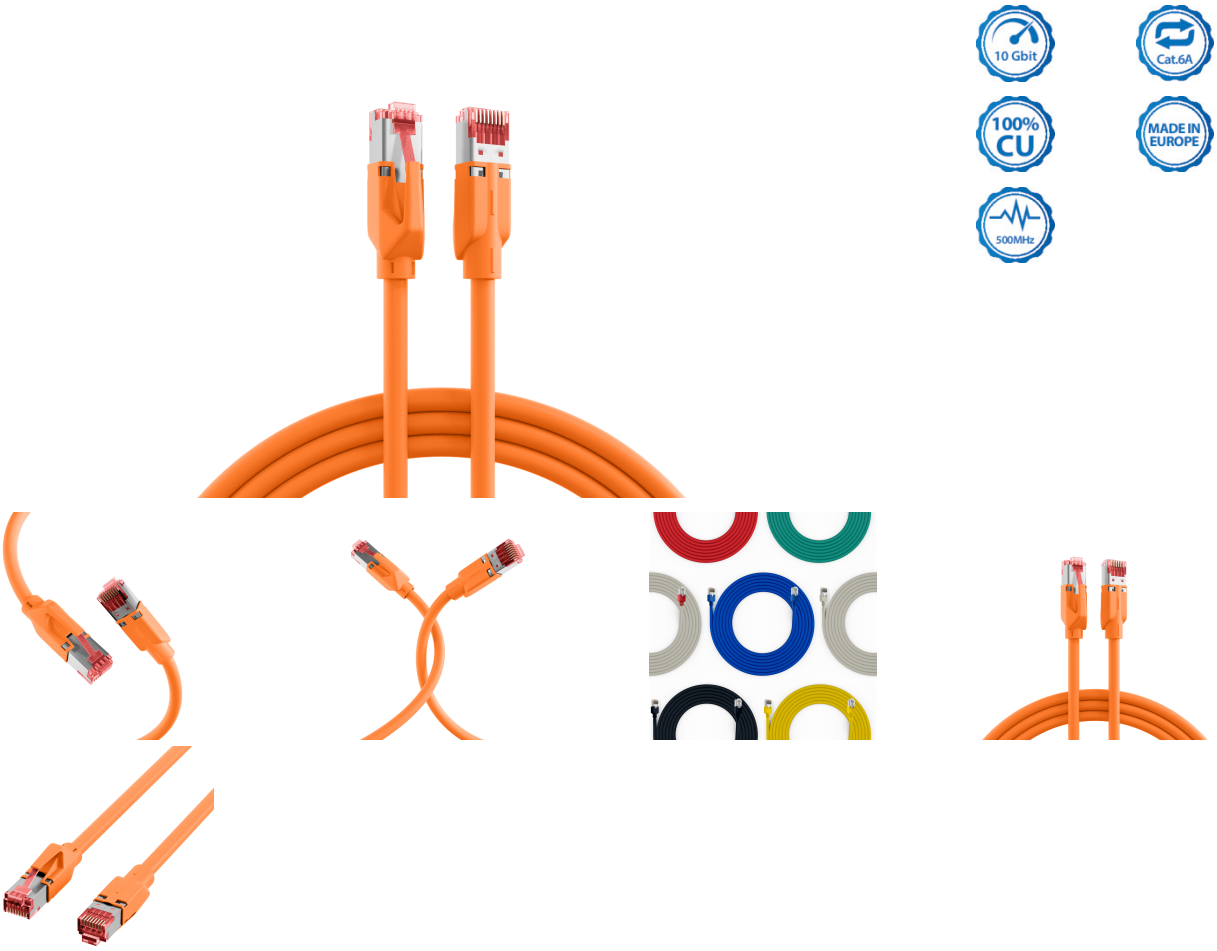
DATASHEET



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
- Has gold-plated contacts

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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
K8708OR.1,5	RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 orange 1,5m	1.5 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8708OR.2	RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 orange 2m	2.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8708OR.3	RJ45 Patch Cord Cat.6A S/FTP Dätwyler 7702 TM21 orange 3m	3.0 m	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K8708OR.0,50		0.5 m		
K8708OR.1		1.0 m		
K8708OR.10		10.0 m		
K8708OR.20		20.0 m		
K8708OR.30		30.0 m		
K8708OR.5		5.0 m		

datasheets.content.drawings

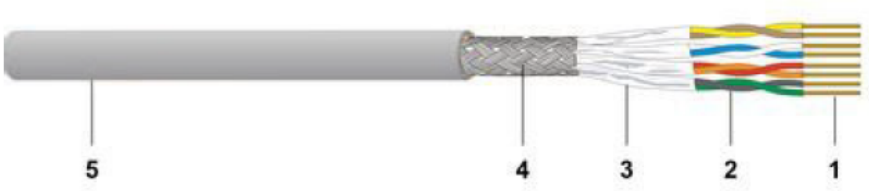
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1 **Innenleiter:** AWG26, Cu-Litze, blank
2 **Ader:** Ø 0.99 mm
3 **Abschirmung Paar:** Alu PETP-Folie
4 **Abschirmung:** Cu-Geflecht, verzinnt
5 **Mantel:** LSZH , grau, RAL 7035

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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