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
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		

datasheets.content.drawings

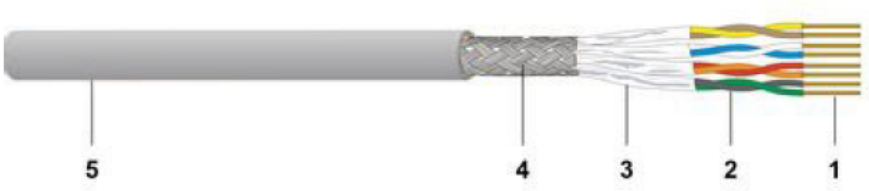
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1 **Innenleiter:** AWG26, Cu-Litze, blank
2 **Ader:** Ø 0.99 mm
3 **Abschirmung Paar:** Alu PETP-Folie
4 **Abschirmung:** Cu-Geflecht, verzinnt
5 **Mantel:** LSZH , grau, RAL 7035

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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