

Cable de conexión RJ45 Cat.6A S/FTP PUR Cat.7 cable bruto TM31



General data

The Cat.6A RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for **10 Gigabit** Ethernet applications. The patch cable is composed of the Cat.7 raw cable **Patch Pro flex Cat 7** from Draka and **TM31** connectors from Hirose. Due to the **PUR** outer sheath, the patch cable is also **suitable for outdoor use** (except for direct burial).

Cross section 4 x 2 x AWG26/7
Mounted anti-kink grommet

Allgemeine Daten

UV resistance	True
Colour outer sheath	black
Connector type	TM31 yellow
Cable type acc. to Manufacturer	Draka Patch Pro flex Cat 7
Suitable for degree of protection (IP)	IP20
Fire retardant version	False
Cable type	S/FTP
Pin assignment	1:1

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Contacts	Gold plated μ " gold plated
Locking lever	True
Model	Shielded
Length imprint	False
Anti-kink sleeve	put-on
Allocation	acc. TIA/EIA 568B
Material outer sheath	Polyurethan (PUR)
Area of Application	Industrial Ethernet
Current Rating	max. 1 A
Category	6A (TIA)
Colour anti-kink sleeve	black
Halogen free	False

Mechanische Eigenschaften

Bending radius	25 mm
Conductive shield	360° shield contact
Mating cycles	\geq 750

Kabelaufbau

Raw cable	Cat.7
Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Conductor Material	Copper
AWG-size	26/7
Cable construction	4x2

Kabelmantel

Outer diameter of the cable	6.4 mm
Oil resistant (according to EN 60811-404)	False

Umgebungsbedingungen

Temperature Range (Installation)	0 - 50 °C
Temperature Range (Operation)	-20 - 60 °C

Elektrische Eigenschaften

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Resistance unbalance	2 %
Test voltage	1000 V DC, 1min
Insulation Resistance	500 MΩ
Contact Resistance	< 20 mΩ
POE class	PoE+ acc. to IEEE802.3at
NVP value	75 %
Operating-/ tempering voltage	max. 50 V DC
Conductor resistance DC	125 Ω/km
Impedance	100 ±5 Ω
Loop resistance	250 Ω/km

Übertragungstechnische Eigenschaften

Transmission	10Gbit
Bandwidth	500MHz

Normen, Zulassungen, Zertifizierungen

Cabling standard	EN50173
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-51