

Latiguillo SFTP Cat. 6A LSZH



Description

The shielded Cat.6A RJ45 patch cable ensures excellent performance for **10 Gigabit** Ethernet applications. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions.

Cross section 4 x 2 x AWG27/7

Length imprint on boot

Available in **11 colours**

General data

Area of Application	Structured cabling;Industrial Ethernet;Data center
Category	6A (TIA)
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 Standard green
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Length imprint	True
Anti-kink sleeve	plugged in
Colour anti-kink sleeve	magenta
Locking lever	True
UL approbated	False

Mechanical characteristics

Mating cycles	2000
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Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.

Mechanical characteristics

Bending radius	>30 mm
Conductive shield	Selected shield contact
Suitable for degree of protection (IP)	IP20

Cable construction

Raw cable	Cat.6A
Cable type	S/FTP
Total screening	80 %
Cable construction	4x2
AWG-size	27/7
Conductor Material	Copper

Cable sheath

Silicone-free	True
Jacket material	LSZH
Colour outer sheath	magenta
Printing	Cat.6A PATCH S/FTP 4x2xAWG27/7 LSZH ISO/IEC11801 ANSI/TIA-568-C.2 ***10Gigabit Ethernet***
Outer diameter of the cable	6.0 mm
Flame-retardant	True
Halogen-free	True
Low smoke	True

Environmental conditions

Temperature range	-20 – 60 °C
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Electrical characteristics

NVP value	74 %
Impedance	100 ±15 Ω
Conductor resistance DC	185 Ω/km
Loop resistance	370 Ω/km
Resistance unbalance	3 %
Insulation resistance	10 MΩ
Contact resistance	30 mΩ
Test voltage	1000 V DC, 1min
POE class	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt
Current capacity	max. 1 A
Operating-/ tempering voltage	max. 50 V DC

Transmission characteristics

Bandwidth	500MHz
Transmission	10Gbit

Standards, approvals, certifications

Connector	IEC 60603-7-51
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