

LATIGUILLO SLIM 4,0MM CAT.6A U/FTP LSZH 3M



Description

The shielded Cat.6A RJ45 patch cable ensures excellent performance for **10 Gigabit** Ethernet applications. The **TPE** outer sheath makes the cable **highly flexible** and thus easier to handle. The moulded grommet captivates with its **slim design** and simplifies the plugging process in cramped conditions. The **short connector** in combination with the **thin outer jacket** enables a very **high packing density**.

Cross section: 4 x 2 x **AWG30/7**

Cable diameter: **4,0mm**

Cable structure: U/FTP

TECHNICAL PARAMETERS

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 short version
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	plugged in
Colour anti-kink sleeve	white
Locking lever	yes

Mechanical characteristics

Mating cycles	2000
Bending radius	>16 mm
Conductive shield	Selected shield contact

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

Mechanical characteristics

Suitable for degree of protection (IP) | IP20

Cable construction

Cable type	U/FTP
Cable construction	4x2
AWG-size	30/7
Conductor Material	Copper

Cable sheath

Silicone-free	yes
Jacket material	TPE/LSZH
Colour outer sheath	white
Printing	Cat.6A Patchcord ULTRAFLEX U/FTP TPE 10G
Outer diameter of the cable	4.0 mm
Low smoke	Yes

Environmental conditions

Temperature range | -20 – 75 °C

Electrical characteristics

NVP value	76 %
Impedance	100 ±15 Ω
Conductor resistance DC	376 Ω/km
Loop resistance	752 Ω/km
Resistance unbalance	<4 %
Insulation resistance	100 MΩ
Contact resistance	<20 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