

# Latiguillo Slim 4,0mm Cat.6A U/FTP LSZH



✓ Color: Negro

✓ Cubierta exterior: TPE



## 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**.

## General data

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	moulded
Colour anti-kink sleeve	black
Locking lever	yes

## Mechanical characteristics

Mating cycles	≥750
Bending radius	>16 mm
Conductive shield	Selected shield contact

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

**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	black
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
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**Electrical characteristics**

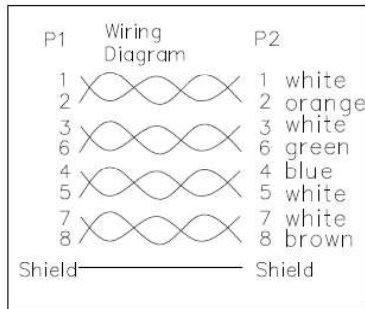
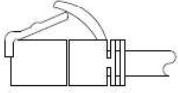
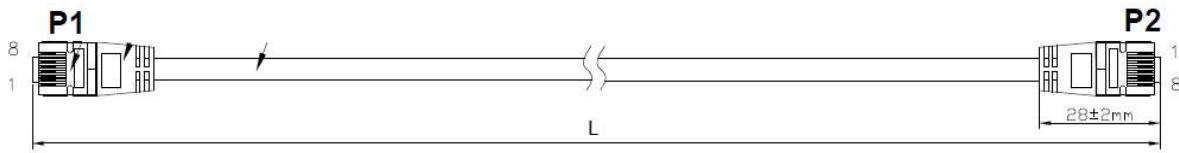
NVP value	76 %
Impedance	100 ±15 Ω
Conductor resistance DC	376 Ω/km
Loop resistance	752 Ω/km
Resistance unbalance	<4 %
Insulation resistance	100 MΩ
Contact resistance	<20 mΩ
Test voltage	1000 (V DC, 1min) core/core und core/screen
POE class	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt

**Transmission characteristics**

Bandwidth	500MHz
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**Standards, approvals, certifications**

Connector	IEC 60603-7-51
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Length(L)	Item No.	Color
0.15m+/-5mm	K5547SW.x	Black
0.25m+/-5mm	K5547WS.x	White
0.5m+/-5mm		
1m+/-10mm		
2m+/-20mm		
3m+/-30mm		
5m+/-50mm		
7.5m+/-75mm		
10m+/-100mm		

