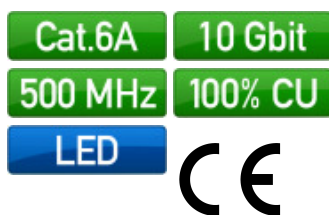


# LATIGUILLO CAT.6A S/FTP VC LED



## Description

The shielded Cat.6A RJ45 patch cable provides excellent performance for **10 Gigabit Ethernet** applications. With the help of a detector (Art.-Nr. DC10001 oder DC10001USB) **light emitting diodes** are excited in both RJ45 plugs of the patch cable. The **illuminated RJ45 plugs** make it easy to **track the cable path**.

Cross section 4 x 2 x AWG26/7

**Length imprint on the grommet**

## TECHNICAL PARAMETERS

### General data

Category	6A (TIA)
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 LED
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Length imprint	yes
Anti-kink sleeve	put-on
Colour anti-kink sleeve	grey
Locking lever	yes

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

### Mechanical characteristics

Bending radius	>20 mm
Conductive shield	360° shield contact

### Cable construction

Cable type	S/FTP
Total screening	>65 %
Cable construction	4x2
AWG-size	26/7
Conductor Material	Copper

### Cable sheath

Jacket material	LSZH
Colour outer sheath	grey
Outer diameter of the cable	6.2 mm
Flame-retardant	acc. IEC60332-3
Halogen-free	acc. IEC60754-2
Low smoke	acc. IEC61034

### Environmental conditions

Temperature Range (Operation)	-25 – 60 °C
Temperature Range (Installation)	0 – 50 °C

### Electrical characteristics

NVP value	- %
Impedance	100 ±15 Ω
Conductor resistance DC	165 Ω/km
Loop resistance	330 Ω/km
Insulation resistance	> 5000 MΩ
POE class	PoE acc. to IEEE802.3af; PoE+ acc. to IEEE802.3at; 4PPoE acc. to IEEE802.3bt

### Transmission characteristics

Bandwidth	500MHz
Transmission	10Gbit