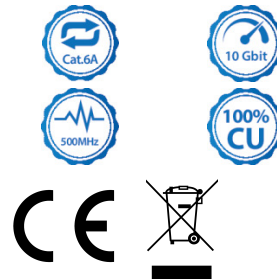
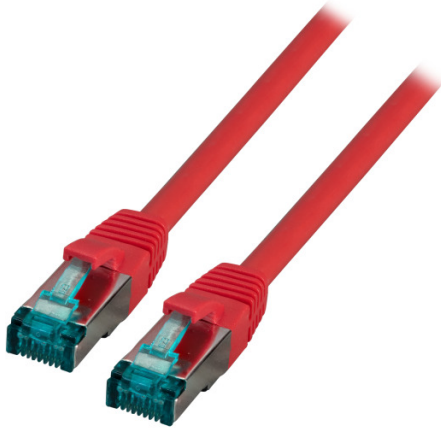


# LATIGUILLO SFTP CAT. 6A LSZH



## 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 **8 colours**

## General data

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	Yes
Anti-kink sleeve	moulded
Colour anti-kink sleeve	red
Locking lever	Yes
UL approbated	No

## Mechanical characteristics

Mating cycles	≥750
Bending radius	>30 mm
Conductive shield	Selected shield contact

## 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	Yes
Jacket material	LSZH
Colour outer sheath	red
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	Yes
Halogen-free	Yes
Low smoke	Yes

## 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) 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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## Transmission characteristics

Transmission	10Gbit
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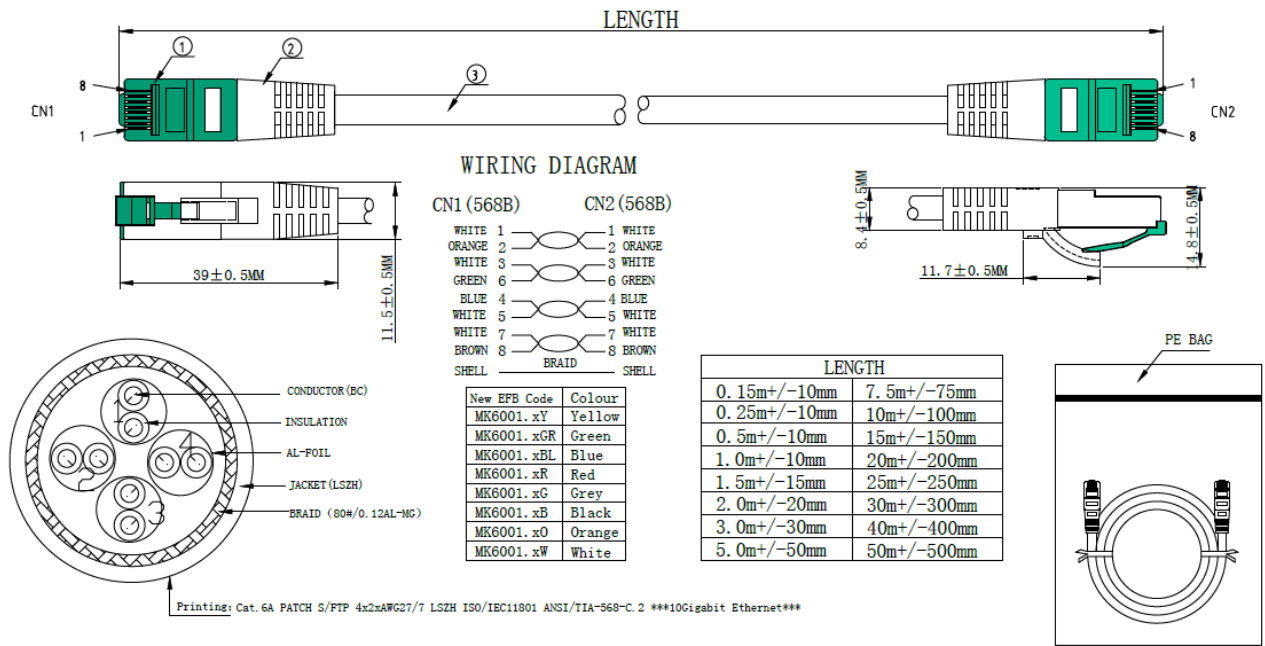
## Standards, approvals, certifications

Connector	IEC 60603-7-51
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*Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.*

## Available variants

Article no.	Title	Length	Length tolerance
MK6001.0,15R	Latiguillo SFTP Cat. 6A LSZH 0,15m rojo	0.15 m	±5 %
MK6001.0,25R	Latiguillo SFTP Cat. 6A LSZH 0,25m rojo	0.25 m	±5 %
MK6001.0,5R	Latiguillo SFTP Cat. 6A LSZH 0,5m rojo	0.5 m	±5 %
MK6001.1R	Latiguillo SFTP Cat. 6A LSZH 1m rojo	1.0 m	±5 %
MK6001.1,5R	Latiguillo SFTP Cat. 6A LSZH 1,5m rojo	1.5 m	±5 %
MK6001.2R	Latiguillo SFTP Cat. 6A LSZH 2m rojo	2.0 m	±5 %
MK6001.3R	Latiguillo SFTP Cat. 6A LSZH 3m rojo	3.0 m	±5 %
MK6001.5R	Latiguillo SFTP Cat. 6A LSZH 5m rojo	5.0 m	±5 %
MK6001.7,5R	Latiguillo SFTP Cat. 6A LSZH 7,5m rojo	7.5 m	±5 %
MK6001.10R	Latiguillo SFTP Cat. 6A LSZH 10m rojo	10.0 m	±5 %
MK6001.15R	Latiguillo SFTP Cat. 6A LSZH 15m rojo	15.0 m	±5 %
MK6001.20R	Latiguillo SFTP Cat. 6A LSZH 20m rojo	20.0 m	±5 %
MK6001.25R	Latiguillo SFTP Cat. 6A LSZH 25m rojo	25.0 m	±5 %
MK6001.30R	Latiguillo SFTP Cat. 6A LSZH 30m rojo	30.0 m	±5 %
MK6001.40R	Latiguillo SFTP Cat. 6A LSZH 40m rojo	40.0 m	±5 %
MK6001.50R	Latiguillo SFTP Cat. 6A LSZH 50m rojo	50.0 m	±5 %



## similar product

MK6001.1G	Latiguillo SFTP Cat. 6A LSZH 1m gris
MK6001.1O	Latiguillo SFTP Cat. 6A LSZH 1m naranja
MK6001.1GR	Latiguillo SFTP Cat. 6A LSZH 1m verde
MK6001.1W	Latiguillo SFTP Cat. 6A LSZH 1m blanco
MK6001.1BL	Latiguillo SFTP Cat. 6A LSZH 1m azul
MK6001.1Y	Latiguillo SFTP Cat. 6A LSZH 1m amarillo
MK6001.1B	Latiguillo SFTP Cat. 6A LSZH 1m negro

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