

# Latiguillo Cat.6A S/FTP con cable Cat.7 LSZH amarillo



## General data

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 AWG26 / 7

Moulded grommet, slim design

**Length imprint on the boot**

## Allgemeine Daten

Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Fire retardant version	True
Model	Shielded
Material outer sheath	LSZH
Connector type	RJ45 Standard yellow
Colour outer sheath	yellow

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Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	yellow
Area of Application	Industrial Ethernet
Length imprint	True
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Halogen free	True
Category	6A (TIA)

## Mechanische Eigenschaften

Conductive shield	Selected shield contact
Bending radius	>32.5 mm
Mating cycles	2000

## Kabelaufbau

Raw cable	Cat.7
Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Conductor Material	Copper
AWG-size	26/7
Cable construction	4x2

## Kabelmantel

Outer diameter of the cable	6.5 mm
Printing	Cat.7 raw cable S/FTP 4x2xAWG26/7 PIMF 600MHz ISO/IEC 11801 & EN50173-1 TIA/EIA 568B-2.1 Halogen Free ***10GIGABIT*** <a href="http://www.efb-elektronik.de">www.efb-elektronik.de</a>
Oil resistant (according to EN 60811-404)	False
Halogen-free	yes
Flame retardant	acc. IEC60332-1
Silicone-free	True
Low smoke	acc. IEC61034

## Umgebungsbedingungen

Temperature range	-20 - 60 °C
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Elektrische Eigenschaften	
Insulation Resistance	10 MΩ
Test voltage	1000 V DC, 1min
Loop resistance	292 Ω/km
Contact Resistance	30 mΩ
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
Impedance	100 ±5 Ω
Resistance unbalance	5 %
Conductor resistance DC	146 Ω/km

Übertragungstechnische Eigenschaften	
Transmission	10Gbit
Bandwidth	500MHz

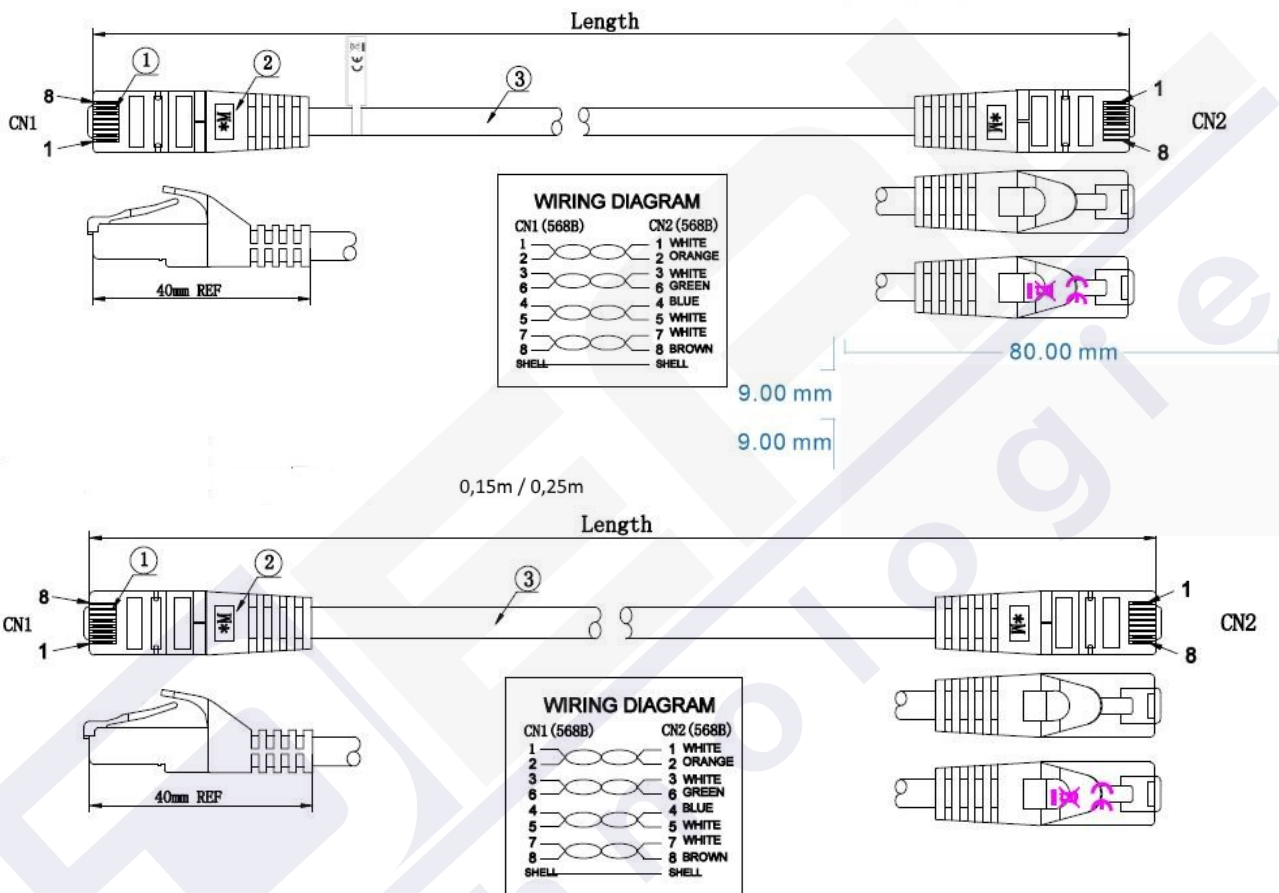
Normen, Zulassungen, Zertifizierungen	
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-51

Available variants		
ArtNr.	Bezeichnung	Length Längentoleranz
MK7001.0,15Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 0,15m, yellow	0.15 m ±5 %
MK7001.0,25Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 0,25m, yellow	0.25 m ±5 %
MK7001.0,5Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 0,5m, yellow	0.5 m ±5 %
MK7001.1Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 1m, yellow	1.0 m ±5 %
MK7001.1,5Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 1,5m, yellow	1.5 m ±5 %
MK7001.2Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 2m, yellow	2.0 m ±5 %
MK7001.3Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 3m, yellow	3.0 m ±5 %
MK7001.5Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 5m, yellow	5.0 m ±5 %
MK7001.7,5Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 7,5m, yellow	7.5 m ±5 %
MK7001.10Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 10m, yellow	10.0 m ±5 %
MK7001.15Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 15m, yellow	15.0 m ±5 %
MK7001.20Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 20m, yellow	20.0 m ±5 %
MK7001.25Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 25m, yellow	25.0 m ±5 %
MK7001.30Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 30m, yellow	30.0 m ±5 %

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## Drawings



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