

RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, orange



Description

The shielded Cat.6A RJ45 patch cable with 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

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 yellow
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	orange
Locking lever	yes

Mechanical characteristics

Mating cycles	≥750
Bending radius	>32,5 mm
Conductive shield	Selected shield contact

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Cable construction

Raw cable	Cat.7
Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	26/7
Conductor Material	Copper

Cable sheath

Silicone-free	yes
Jacket material	LSZH
Colour outer sheath	orange
Printing	Cat.7 raw cable S/FTP 4x2xAWG26/7 PIMF 600MHz ISO/IEC 11801 & EN50173-1 TIA/EIA 568B-2.1 Halogen Free ***10GIGABIT***
Outer diameter of the cable	6.5 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	acc. IEC60754-2
Low smoke	acc. IEC61034

Environmental conditions

Temperature range	-20 – 60 °C
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Electrical characteristics

Impedance	100 ±5 Ω
Conductor resistance DC	146 Ω/km
Loop resistance	292 Ω/km
Resistance unbalance	5 %
Insulation resistance	10 MΩ
Contact resistance	30 mΩ
Test voltage	1000 (V DC, 1min) core/core und core/screen

Transmission characteristics

Bandwidth	500MHz
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Standards, approvals, certifications

Connector	IEC 60603-7-51
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Available variants

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Article no.	Title	Length
MK7001.0,25O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 0,25m, orange	0.25 m
MK7001.0,5O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 0,5m, orange	0.5 m
MK7001.1O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 1m, orange	1.0 m
MK7001.1,5O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 1,5m, orange	1.5 m
MK7001.2O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 2m, orange	2.0 m
MK7001.3O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 3m, orange	3.0 m
MK7001.5O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 5m, orange	5.0 m
MK7001.7,5O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 7,5m, orange	7.5 m
MK7001.10O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 10m, orange	10.0 m
MK7001.15O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 15m, orange	15.0 m
MK7001.20O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 20m, orange	20.0 m
MK7001.25O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 25m, orange	25.0 m
MK7001.30O	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, 30m, orange	30.0 m

similar product

MK7001.1GR	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, green
MK7001.1Y	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, yellow
MK7001.1W	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, white
MK7001.1B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, black
MK7001.1G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, grey
MK7001.1BL	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, blue
MK7001.1R	RJ45 Patch cable S/FTP, Cat.6A, LSZH, Cat.7 Raw cable, rot