

RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE, 4,0mm ultraflex, white



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**.

Cross section: 4 x 2 x **AWG30/7**

Cable diameter: **4,0mm**

Cable structure: U/FTP

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	white
Locking lever	yes

Mechanical characteristics

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

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Cable construction

Cable structure	U/FTP
Cable construction	4x2
AWG-size/strands per core	30/7
Conductor Material	Copper

Cable sheath

Silicone-free	yes
Jacket material	TPE/LSZH
Colour outer sheath	white
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

Transmission characteristics

Bandwidth	500MHz
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Standards, approvals, certifications

Connector	IEC 60603-7-51
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Available variants

Article no.	Title	Length
K5547WS.0,15	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,15m, white	0.15 m
K5547WS.0,25	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,25m, white	0.25 m
K5547WS.0,5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,5m, white	0.5 m

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K5547WS.1	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 1m, white	1 m
K5547WS.2	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 2m, white	2 m
K5547WS.3	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 3m, white	3 m
K5547WS.5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 5m, white	5 m
K5547WS.10	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 10m, white	10 m

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