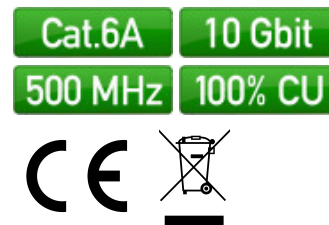


RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE, 4,0mm ultraflex, black



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	black
Locking lever	yes

Mechanical characteristics

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

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.



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

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	black
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
-------------------	-------------

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
-----------	--------

Standards, approvals, certifications

Connector	IEC 60603-7-51
-----------	----------------

Available variants

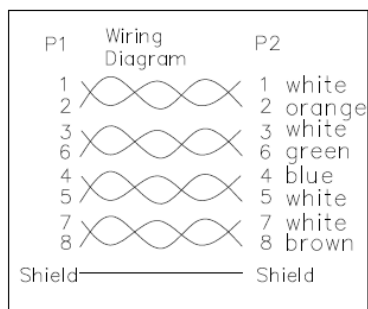
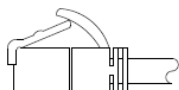
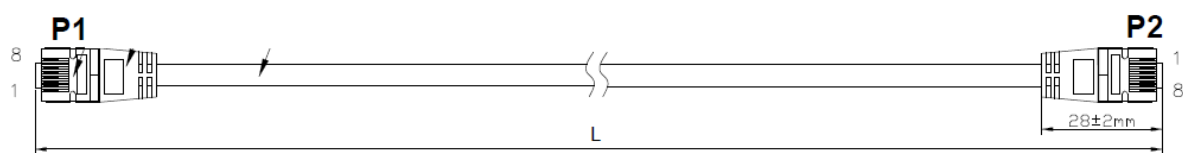
Article no.	Title	Length
K5547SW.0,15	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,15m, black	0.15 m
K5547SW.0,25	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,25m, black	0.25 m
K5547SW.0,5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,5m, black	0.5 m

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

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

K5547SW.1	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 1m, black	1 m
K5547SW.2	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 2m, black	2 m
K5547SW.3	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 3m, black	3 m
K5547SW.5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 5m, black	5 m

Technical drawings



Length(L)	Item No.	Color
0.15m+/-5mm	K5547SW.x	Black
0.25m+/-5mm	K5547WS.x	White
0.5m+/-5mm		
1m+/-10mm		
2m+/-20mm		
3m+/-30mm		
5m+/-50mm		
7.5m+/-75mm		
10m+/-100mm		

