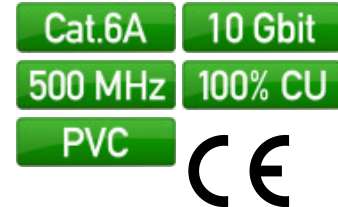


RJ45 Flat patch cable U/UTP, Cat.6A, PVC, black



Description

The unshielded Cat.6A RJ45 **flat patch cable** ensures excellent performance for **10 Gigabit Ethernet** applications. The flat patch cable impresses with its flat construction and is with **1.6mm height ideal for laying e.g. behind ledges or under a carpet**. The cast grommet captivates with its **slim design** and thus simplifies the plugging process in confined spaces.

Sheath material: PVC

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

Cable diameter: **6.0x1.6mm**

Plug type: **short plug**

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	3 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Unshielded
Anti-kink sleeve	moulded
Colour anti-kink sleeve	black
Locking lever	Yes

Mechanical characteristics

Mating cycles	2000
Bending radius	10 mm
Conductive shield	Selected shield contact

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RJ45 Flat patch cable U/UTP, Cat.6A, PVC, black

Cable construction

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

Cable sheath

Silicone-free	Yes
Jacket material	PVC
Colour outer sheath	black
Printing	SLIM PATCHCABLE U/UTP CAT.6A ***10GB***
Outer diameter of the cable	6.0*1.6 mm

Environmental conditions

Temperature range	-20 – 55 °C
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Electrical characteristics

NVP value	76 %
Impedance	100 ±15 Ω
Conductor resistance DC	376 Ω/km
Loop resistance	<371 Ω/km
Resistance unbalance	<4 %
Insulation resistance	100 MΩ
Test voltage	1000 (V DC, 1 min) 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
K8107SW.0,25	RJ45 Flat Patch cable U/UTP, Cat.6A, PVC, 0,25m, black	0.25 m
K8107SW.0,5	RJ45 Flat Patch cable U/UTP, Cat.6A, PVC, 0,5m, black	0.5 m
K8107SW.1	RJ45 Flat Patch cable U/UTP, Cat.6A, PVC, 1m, black	1.0 m
K8107SW.1,5	RJ45 Flat Patch cable U/UTP, Cat.6A, PVC, 1,5m, black	1.5 m
K8107SW.2	RJ45 Flat Patch cable U/UTP, Cat.6A, PVC, 2m, black	2.0 m

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DATASHEET

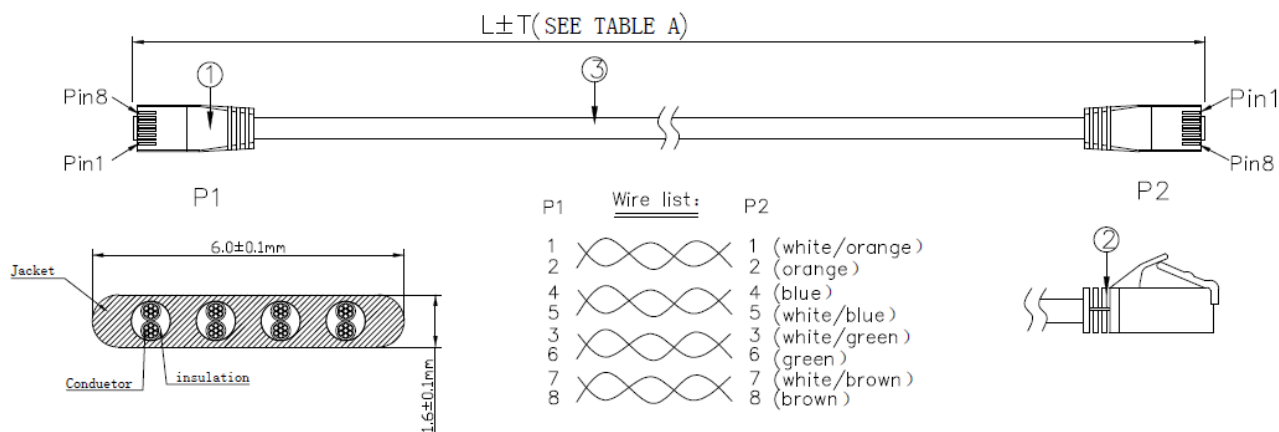
RJ45 Flat patch cable U/UTP, Cat.6A, PVC, black

K8107SW.5

RJ45 Flat Patch cable U/UTP, Cat.6A, PVC, 5m, black

5.0 m

Technical drawings



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