DATASHEET

RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black



Cat.6 | 5 Gbit
PVC | CCA
PVC

Description

The unshielded Cat.6 RJ45 patch cable with ensures excellent performance for 5 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 **AWG24/7**
Moulded grommet, slim design
Length imprint on the boot

General data	
Category	6
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 Standard
Contacts	3 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Unshielded
Length imprint	yes
Anti-kink sleeve	moulded
Colour anti-kink sleeve	black
Locking lever	No

Mechanical characteristics	
Bending radius	30 mm

Cable construction

Cable structure	U/UTP

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Cable construction	
Cable construction	4x2
AWG-size/strands per core	24/7
Conductor Material	CCA

Cable sheath	
Silicone-free	yes
Jacket material	PVC
Colour outer sheath	black
Printing	Cat.6 UTP AWG24 stranded x 4pairs cable
Outer diameter of the cable	5.9 mm

Environmental conditions	
Temperature range	-20 – 70 °C

Electrical characteristics	
NVP value	- %

Transmission characteristics	
Bandwidth	250MHz

Standards, approvals, certifications	
Connector	IEC 60603-7-4

Available variants

Article no.	Title	Length
K8100SW.0,25	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.25m, black	0.25 m
K8100SW.0,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.5m, black	0.5 m
K8100SW.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1m, black	1.0 m
K8100SW.1,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1.5m, black	1.5 m
K8100SW.2	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, black	2.0 m
K8100SW.3	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 3m, black	3.0 m
K8100SW.5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 5m, black	5.0 m

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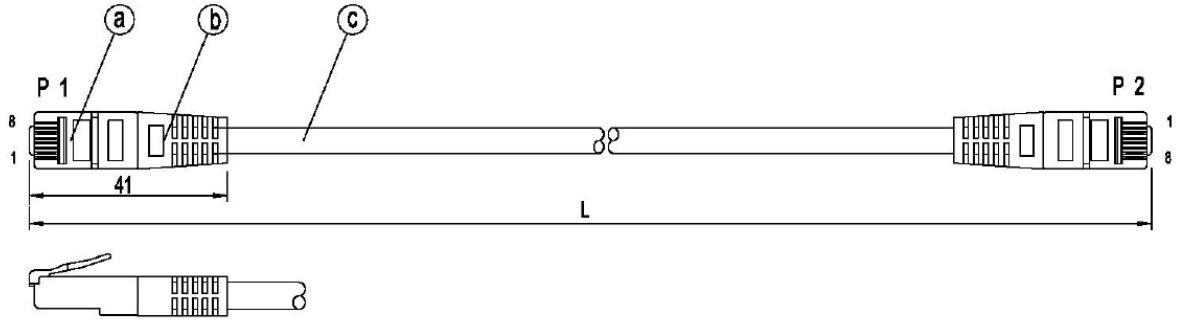
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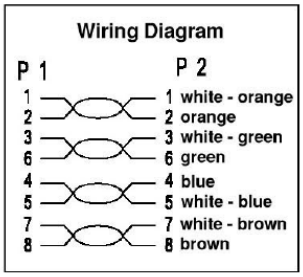
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Article no.	Title	Length
K8100SW.7,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 7.5m, black	7.5 m
Article no.	**Title**	**Length**
K8100SW.10	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 10m, black	10.0 m
Article no.	**Title**	**Length**
K8100SW.15	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 15m, black	15.0 m
Article no.	**Title**	**Length**
K8100SW.20	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 20m, black	20.0 m
Article no.	**Title**	**Length**
K8100SW.30	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 30m, black	30.0 m

Technical drawings





Item No.	Color
K8100GR.x	grey
K8100MA.x	magenta (pink)
K8100WS.x	white
K8100GN.x	green
K8100BL.x	blue
K8100GE.x	yellow
K8100RT.x	red
K8100SW.x	black
K8100OR.x	orange

Length (L)
0,5m +/- 5mm
1m +/- 10mm
1,5m +/- 15mm
2m +/- 20mm
3m +/- 30mm
5m +/- 50mm
7,5m +/- 75mm
10m +/- 100mm
15m +/- 150mm
20m +/- 200mm
25m +/- 250mm
30m +/- 300mm

similar product

K8100WS.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, white
K8100RT.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, red
K8100OR.1	RJ45 Patchkabel U/UTP, Cat.6, PVC, CCA, orange
K8100MA.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, magenta
K8100GN.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, green
K8100GE.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, yellow

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similar product	
K8100BL.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, blue
K8100GR.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, grey

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