DATASHEET

RJ45 Patchkabel U/UTP, Cat.6, PVC, CCA, orange



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	orange
Locking lever	No

Mechanical characteristics	
Bending radius	30 mm

Cable construction

Cable structure	U/UTP

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Patchkabel U/UTP, Cat.6, PVC, CCA, orange

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	orange
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
K8100OR.0,25	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.25m, orange	0.25 m
K8100OR.0,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.5m, orange	0.5 m
K8100OR.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1m, orange	1.0 m
K8100OR.1,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1.5m, orange	1.5 m
K8100OR.2	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, orange	2.0 m
K8100OR.3	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 3m, orange	3.0 m
K8100OR.5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 5m, orange	5.0 m

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

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

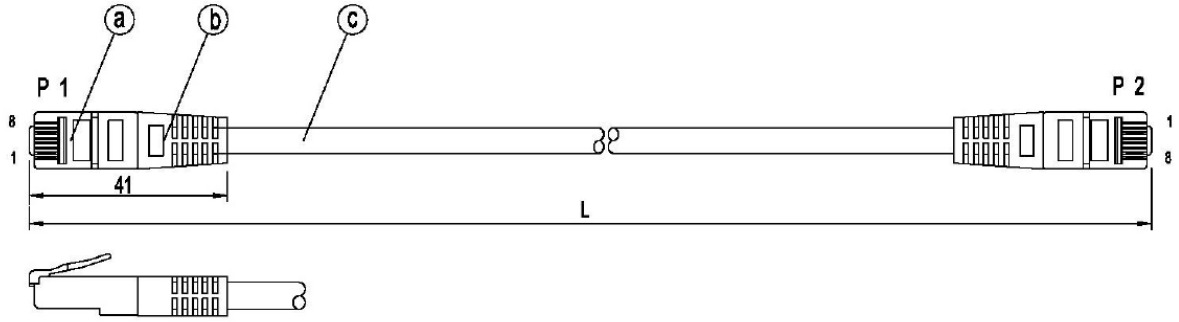
WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

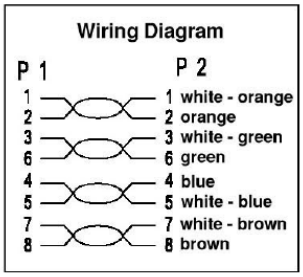
DATASHEET

RJ45 Patchkabel U/UTP, Cat.6, PVC, CCA, orange

Article no.	Title	Length
K8100OR.7,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 7.5m, orange	7.5 m
Article no.	**Title**	**Length**
K8100OR.10	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 10m, orange	10.0 m
Article no.	**Title**	**Length**
K8100OR.15	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 15m, orange	15.0 m
Article no.	**Title**	**Length**
K8100OR.20	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 20m, orange	20.0 m
Article no.	**Title**	**Length**
K8100OR.30	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 30m, orange	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
K8100SW.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black
K8100RT.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, red
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

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

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Patchkabel U/UTP, Cat.6, PVC, CCA, orange

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

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

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION