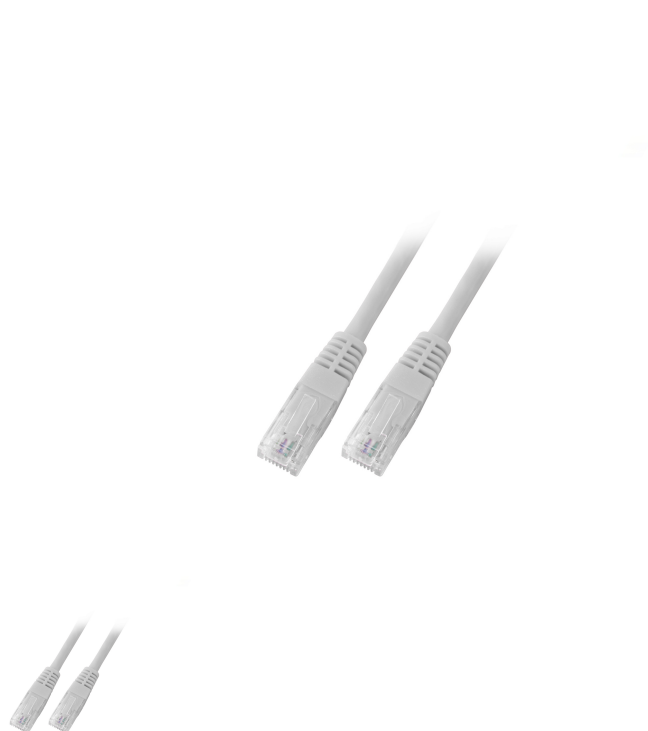


DATASHEET

RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, grey



General data

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

Allgemeine Daten

Locking lever	False
Model	Unshielded
Suitable for degree of protection (IP)	IP20
Fire retardant version	False
Pin assignment	1:1
Material outer sheath	Polyvinylchlorid (PVC)
Colour anti-kink sleeve	grey
Contacts	Gold plated µ" gold plated
Allocation	acc. TIA/EIA 568B
Connector type	RJ45 Standard

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Cable type	U/UTP
Area of Application	Industrial Ethernet
Length imprint	True
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Halogen free	False
Category	6

Mechanische Eigenschaften

Bending radius	30 mm
Mating cycles	≥750

Kabelaufbau

Conductor Material	CCA
Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
AWG-size	24/7
Cable construction	4x2

Kabelmantel

Printing	Cat.6 UTP AWG24 stranded x 4pairs cable
Oil resistant (according to EN 60811-404)	False
Silicone-free	True
Outer diameter of the cable	5.9 mm

Umgebungsbedingungen

Temperature range	-20 – 70 °C
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Elektrische Eigenschaften

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften

Bandwidth	250MHz
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RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, grey

Transmission	5Gbit
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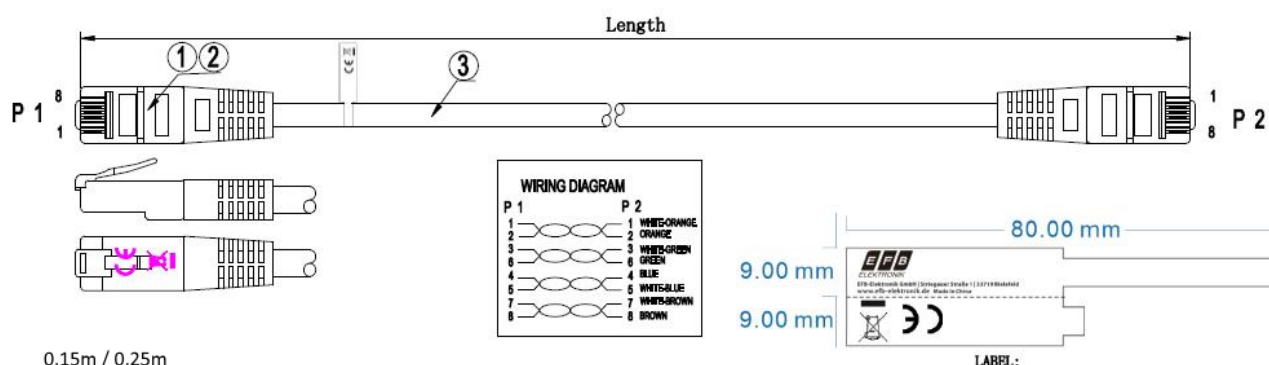
Normen, Zulassungen, Zertifizierungen

Cabling standard	EN50173
Connector	IEC 60603-7-4
Oil resistant (acc. EN 60811-2-1)	False

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8100GR.0,25	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.25m, grey	0.25 m	±5 %
K8100GR.0,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.5m, grey	0.5 m	±5 %
K8100GR.1	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1m, grey	1.0 m	±5 %
K8100GR.1,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1.5m, grey	1.5 m	±5 %
K8100GR.2	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, grey	2.0 m	±5 %
K8100GR.3	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 3m, grey	3.0 m	±5 %
K8100GR.5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 5m, grey	5.0 m	±5 %
K8100GR.7,5	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 7.5m, grey	7.5 m	±5 %
K8100GR.10	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 10m, grey	10.0 m	±5 %
K8100GR.15	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 15m, grey	15.0 m	±5 %
K8100GR.20	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 20m, grey	20.0 m	±5 %
K8100GR.30	RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 30m, grey	30.0 m	±5 %

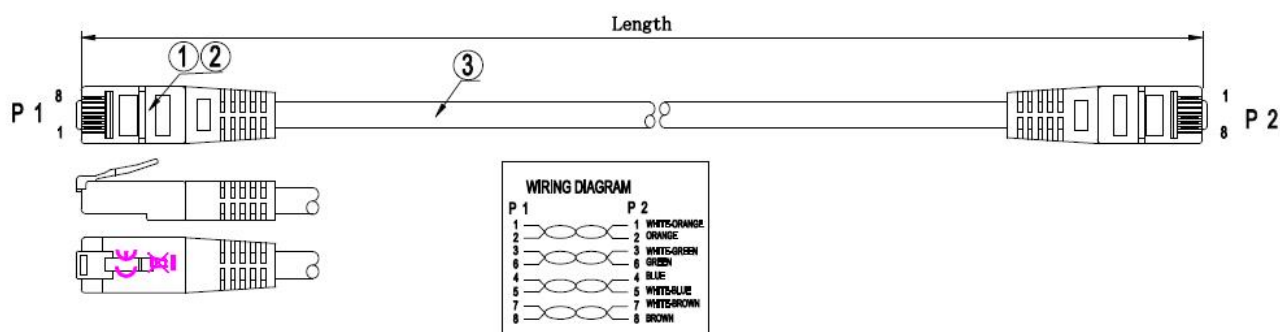
Drawings



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DATASHEET

RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, grey



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