

DATASHEET

RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 0,15m, grey



General data

The unshielded Cat.6A RJ45 premium patch cable ensures very good characteristics for **10 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**

Cast anti-kink grommet with length imprint, slim design

Allgemeine Daten

Connector type	RJ45 Standard blue
Model	Unshielded
Suitable for degree of protection (IP)	IP20
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Fire retardant version	True
Material outer sheath	LSZH
Allocation	acc. TIA/EIA 568B

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Cable type	U/UTP
Area of Application	Structured cabling
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Contacts	50 µ" gold plated
Halogen free	True
Category	6A (TIA)

Mechanische Eigenschaften

Bending radius	30 mm
Mating cycles	2000

Kabelaufbau

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

Kabelmantel

Low smoke	True
Oil resistant (according to EN 60811-404)	False
Flame retardant	acc. IEC60332-1
Halogen-free	True
Outer diameter of the cable	6.0 mm
Printing	Cat.6A PREMIUM Patchcord U/UTP 4x2xAWG24/7 ISO/IEC11801 TIA/EIA-568-C.2 ***10Gigabit Ethernet***

Umgebungsbedingungen

Temperature range	0 - 60 °C
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Elektrische Eigenschaften

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at

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Operating-/ tempering voltage	max. 50 V DC
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Übertragungstechnische Eigenschaften

Transmission	10Gbit
Bandwidth	500MHz

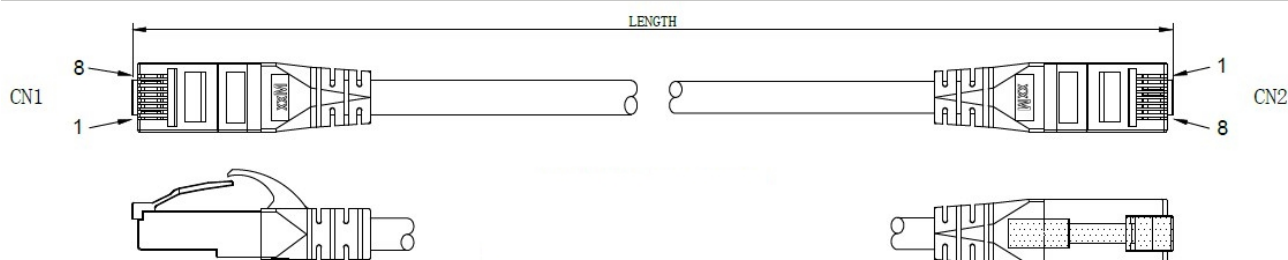
Normen, Zulassungen, Zertifizierungen

Cabling standard	EN50173
Connector	IEC 60603-7-41
Oil resistant (acc. EN 60811-2-1)	False

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8109GR.0,15	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 0,15m, grey	0.15 m	±5 %
K8109GR.0,25	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 0,25m, grey	0.25 m	±5 %
K8109GR.0,5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 0,5m, grey	0.5 m	±5 %
K8109GR.1	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 1m, grey	1.0 m	±5 %
K8109GR.1,5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 1,5m, grey	1.5 m	±5 %
K8109GR.2	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 2m, grey	2.0 m	±5 %
K8109GR.3	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 3m, grey	3.0 m	±5 %
K8109GR.5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 5m, grey	5.0 m	±5 %
K8109GR.7,5	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 7,5m, grey	7.5 m	±5 %
K8109GR.10	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 10m, grey	10.0 m	±5 %
K8109GR.15	RJ45 Patch cable U/UTP, Cat.6A, LSZH, Premium, 500MHz, 15m, grey	15.0 m	±5 %

Drawings



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