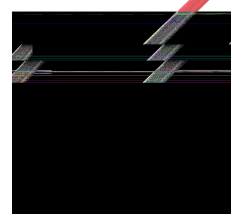
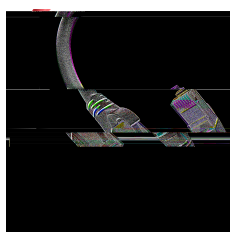
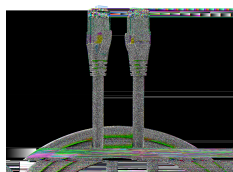
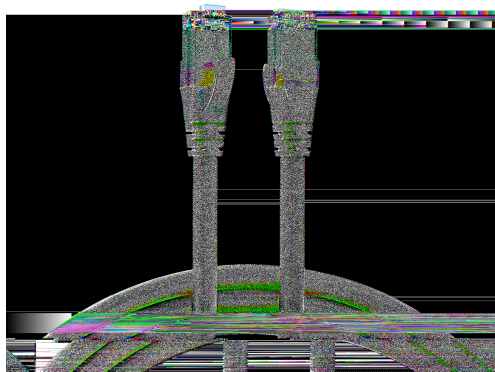


DATASHEET

RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 2m



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

Model	Unshielded
Suitable for degree of protection (IP)	IP20
Fire retardant version	True
Jacket Material	LSZH
AWG-size	24/7

General data

Connector type	RJ45 Standard blue
Pin assignment	1:1

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DATASHEET

RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 2m

Locking lever	True
Allocation	acc. TIA/EIA 568B
Cable type	U/UTP
Area of Application	Structured cabling
Colour anti-kink sleeve	red
Colour outer sheath	red
Anti-kink sleeve	plugged in
Contacts	50 µ" gold plated
Halogen free	True
Category	6A (TIA)

Mechanical characteristics

Bending radius	30 mm
Mating cycles	2000

Cable construction

Conductor Material	Copper
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Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Cable construction	4x2

Cable sheath

Low smoke	True
Oil resistant (according to EN 60811-404)	False
Flame retardant	acc. IEC60332-1

Kabelmantel

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***

Environmental conditions

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DATASHEET

RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 2m

Temperature range	0 - 60 °C
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Electrical characteristics

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A

Elektrische Eigenschaften

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

Transmission	10Gbit
Bandwidth	500MHz

Standards, approvals, certifications

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

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8109RT.0,15	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 0,15m	0.15 m	±5 %
K8109RT.0,25	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 0,25m	0.25 m	±5 %
K8109RT.0,5	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 0,5m	0.5 m	±5 %
K8109RT.1	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 1m	1.0 m	±5 %
K8109RT.1,5	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 1,5m	1.5 m	±5 %
K8109RT.2	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 2m	2.0 m	±5 %
K8109RT.3	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 3m	3.0 m	±5 %
K8109RT.5	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 5m	5.0 m	±5 %
K8109RT.7,5	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 7,5m	7.5 m	±5 %
K8109RT.10	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 10m	10.0 m	±5 %
K8109RT.15	RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 15m	15.0 m	±5 %

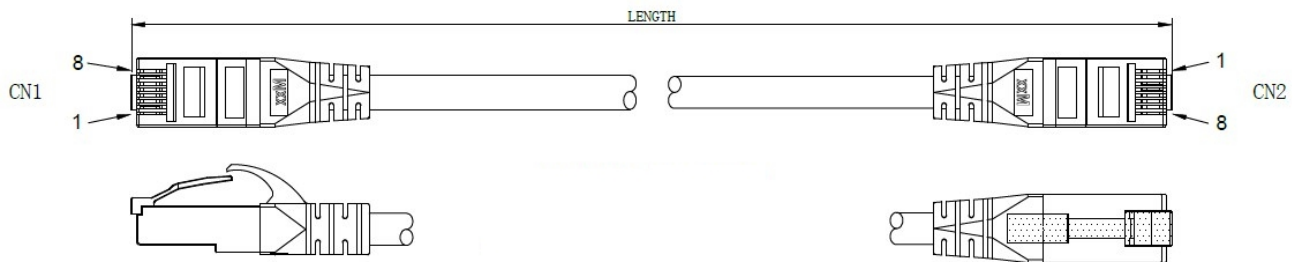
Drawings

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DATASHEET

RJ45 Patch Cord Cat.6A U/UTP LSZH Premium 500MHz red 2m



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