

RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 5m



General data

RJ45 patch cable Cat.6 U/UTP LSZH CCA

The Cat.6 patch cable has gold-plated contacts and meets the requirements for 5Gbit Ethernet.

Technical product features

- Cat.6
- U/UTP cable with AWG24/7
- Jacket material made of halogen-free LSZH
- Fire protection: flame-retardant, halogen-free, low smoke
- Plug connection: RJ45 to RJ45
- With locking lever protection
- Has gold-plated contacts

This datasheet was created automatically on 12-03-2025 . Technical changes reserved.

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The jacket of the patch cable is made of halogen-free LSZH material. The cable also offers the option of power supply via PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt.

The assignment of the RJ45 plugs is 1:1 and follows TIA/EIA 568B .

The data cable has a conductor material made of CCA and is ideal for applications in structured building cabling, industrial Ethernet and data centers. The frequency range is up to 250 MHz.

Allgemeine Daten	
Model	Unshielded
Suitable for degree of protection (IP)	IP20
Fire retardant version	True
Jacket Material	LSZH
AWG-size	24/7
Length imprint	True
Contacts	Gold plated μ " gold plated
Current Rating	max. 1 A

General data	
Pin assignment	1:1
Locking lever	True
Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	white
Connector type	RJ45 Standard
Cable type	U/UTP
Area of Application	Industrial Ethernet
Anti-kink sleeve	plugged in
Colour outer sheath	white
Halogen free	True
Category	6

Mechanical characteristics	
Bending radius	30 mm
Mating cycles	≥ 750

Cable construction

Conductor Material	CCA
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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
Silicone-free	True
Flame retardant	True

Kabelmantel

Printing	Cat.6 U/UTP AWG24/7 stranded x 4pairs LSZH cable www.efb-elektronik.de
Outer diameter of the cable	5.9 mm
Halogen-free	True

Electrical characteristics

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

Elektrische Eigenschaften

Test voltage	1000 (V DC, 1min) core/core und core/screen
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften

Bandwidth	250MHz
Transmission	5Gbit

Standards, approvals, certifications

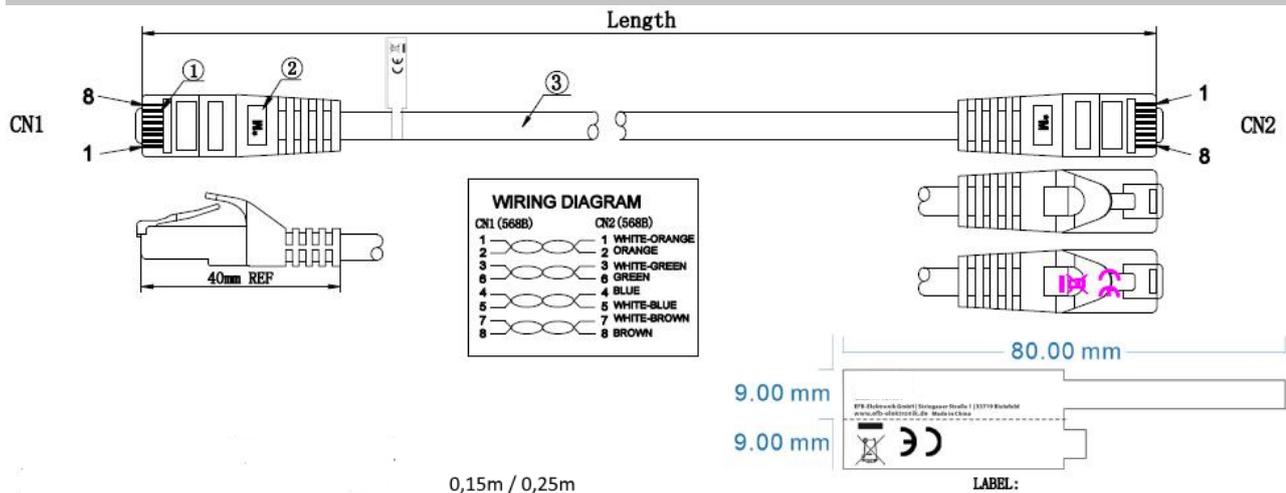
Cabling standard	EN50173
Connector	IEC 60603-7-4
Oil resistant (acc. EN 60811-2-1)	False

Available variants

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ArtNr.	Bezeichnung	Length	Längentoleranz
K8104WS.0,25	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 0,25m	0.25 m	±5 %
K8104WS.0,5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 0,5m	0.5 m	±5 %
K8104WS.1	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 1m	1.0 m	±5 %
K8104WS.1,5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 1,5m	1.5 m	±5 %
K8104WS.2	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 2m	2.0 m	±5 %
K8104WS.3	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 3m	3.0 m	±5 %
K8104WS.5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 5m	5.0 m	±5 %
K8104WS.7,5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 7,5m	7.5 m	±5 %
K8104WS.10	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 10m	10.0 m	±5 %
K8104WS.15	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 15m	15.0 m	±5 %
K8104WS.20	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 20m	20.0 m	±5 %
K8104WS.25	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 25m	25.0 m	±5 %
K8104WS.30	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 30m	30.0 m	±5 %
K8104WS.50	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 50m	50.0 m	±5 %

Drawings



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