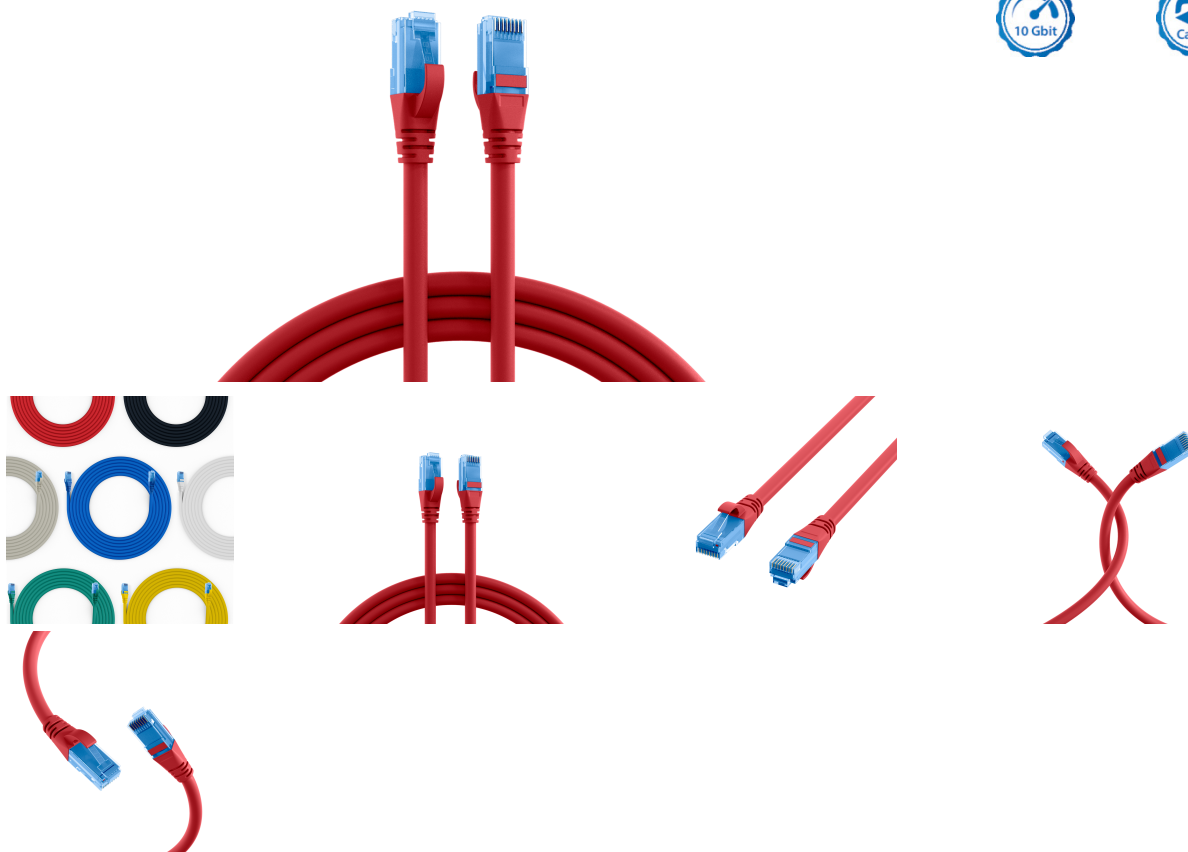


DATASHEET

RJ45 Patchkabel Cat.6A U/UTP LSZH Premium 500MHz rot 5m



General data

The Cat.6A (TIA) data cable from EFB-Elektronik transmits data up to 10Gbit. Because it is a Cat.6A (TIA) network cable, it offers a frequency range up to 500MHz, which enables high data transmission performance.

- Cover fire protection requirements in compliance with standards – flame-retardant cable behaviour according to IEC60332-1 reduces the spread of fire in the event of a fault and supports compliance with common installation specifications.
- Increased safety in the event of a fire – low smoke development after IEC61034 helps to keep escape routes as low as possible in the event of a fire, and the halogen-free materials according to IEC60754-2 reduce the development of corrosive fire gases.
- Reliable performance for your network connection – the pure copper conductor material ensures stable data transmission and supports consistent signal quality in typical IT and home network applications.

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DATASHEET

RJ45 Patchkabel Cat.6A U/UTP LSZH Premium 500MHz rot 5m

Product Description

The unshielded design in this U/UTP Ethernet cable enables cost-efficient networking in low-interference environments while providing high flexibility for easy installation. It can be used in a temperature range of -20 – 60 °C. The wide range of possible applications is supported by the bending radius of 30 mm. The Ethernet cable has an IP20 rating. The LSZH jacket is halogen-free and low-smoke. In the event of a fire, it minimizes smoke development and increases indoor safety.

Technical details

- Cat.6A (TIA)
- Connector: RJ45 8(8) to RJ45 8(8) with blue RJ45 connectors
- Shielding: U/UTP cable with 4x2 x AWG24/7
- Pin assignment: 1:1 according to TIA/EIA 568B
- Equivalent to PoE class: No
- Gold-plated contacts
- Sheath: LSZH sheath material
- Outer diameter: 6.0 mm
- With an injected anti-kink grommet
- Fire protection: flame-retardant according to IEC60332-1, low-smoke according to IEC61034, halogen-free according to IEC60754-2
- Degree of protection: IP20
- With locking lever protection
- Mating cycles: ≥ 750
- Brand: EFB-Elektronik

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	Length Length tolerance	
K8109BL.1	RJ45 Patchkabel Cat.6A U/UTP LSZH Premium 500MHz blau 1m	1.0 m	± 5 %
K8109GN.1	RJ45 Patchkabel Cat.6A U/UTP LSZH Premium 500MHz grün 1m	1.0 m	± 5 %
K8109RT.5	RJ45 Patchkabel Cat.6A U/UTP LSZH Premium 500MHz rot 5m	5.0 m	± 5 %

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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