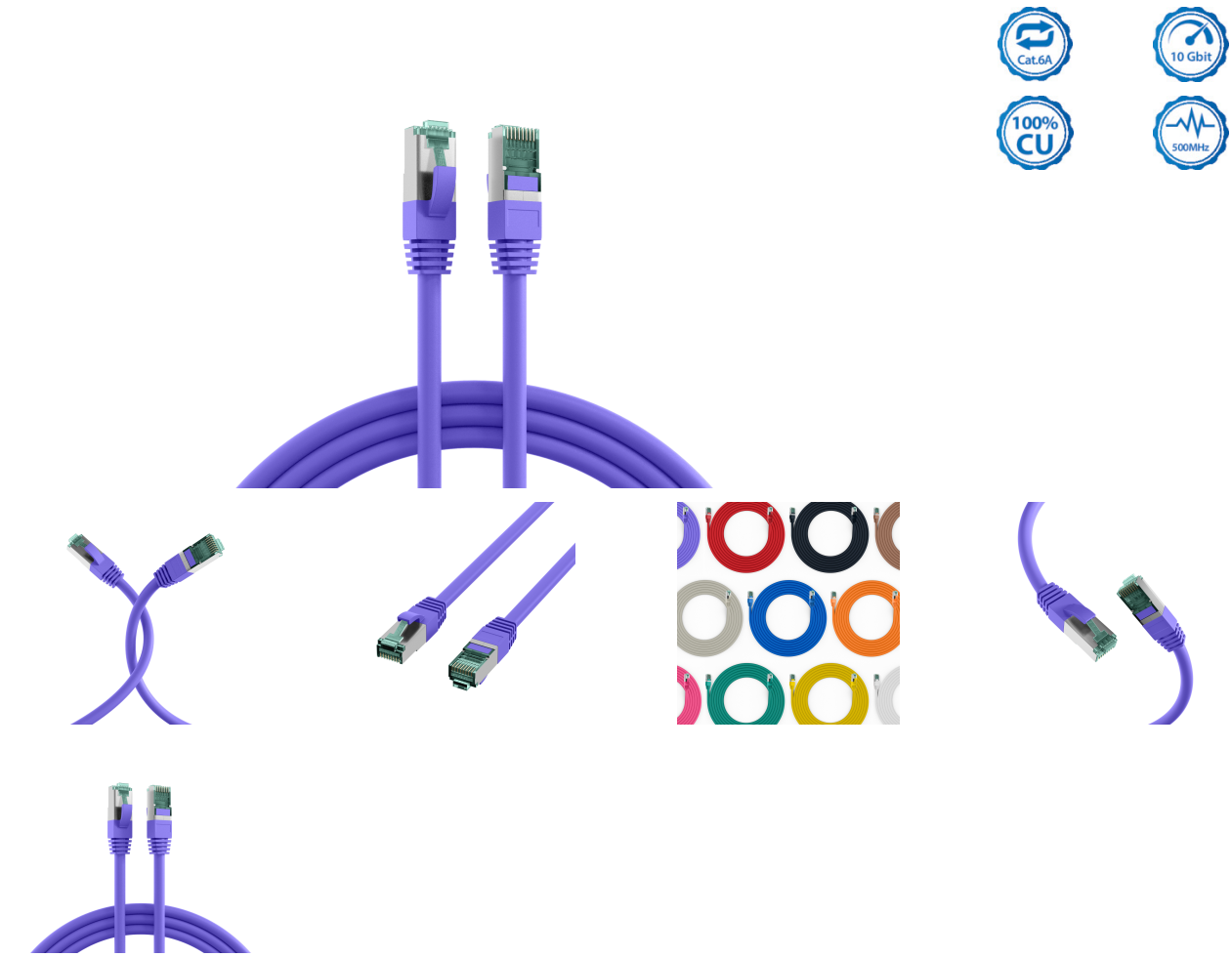
DATASHEET

RJ45 Patchkabel Cat.6A S/FTP LSZH violett 0,25m



General data

This Cat.6A (TIA) network cable from EFB-Elektronik brand supports 10Gbit. The S/FTP shielding reliably protects against interference and ensures high-quality signal. Because it is a Cat.6A (TIA) LAN cable, it offers a frequency range of up to 500MHz, which provides high data transmission performance.

• Increase interference immunity in electromagnetically charged environments – double shielding (S/FTP) improves EMC reserve, reduces susceptibility to radiation and stabilizes transmission in parallel cable routing.
• 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 generation after IEC61034 helps to keep escape routes as low in smoke as possible in the event of a fire, and the halogen-free materials according to IEC60754-2 reduce the development of corrosive fire gases.

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DATASHEET

RJ45 Patchkabel Cat.6A S/FTP LSZH violett 0,25m

Product Description
The S/FTP LAN cable has double shielding, which effectively reduces electromagnetic interference. 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 network 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 green RJ45 connectors
• Shielding: S/FTP cable with 4x2 x AWG27/7
• Pin assignment: 1:1 according to TIA/EIA 568B
• Equivalent to PoE class: PoE to IEEE802.3af, PoE+ to IEEE802.3at, and 4PPoE to IEEE802.3bt
• 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 a punctual screen contact
• With locking lever protection
• Mating cycles: ≥750
• With length print
• Brand: EFB-Elektronik

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	Length	Length tolerance
MK6001.0,25VI	RJ45 Patchkabel Cat.6A S/FTP LSZH violett 0,25m	0.25 m	±5 %
MK6001.2BR	RJ45 Patchkabel Cat.6A S/FTP LSZH braun 2m	2.0 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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