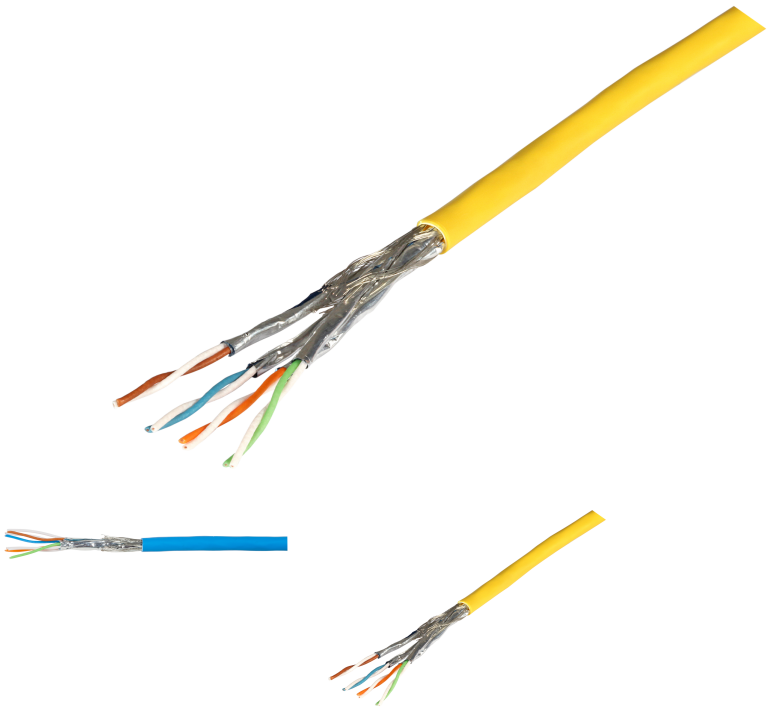
DATASHEET



General data

The Cat.7 patch cable Leonie KERPEN in grey from the variation group Cat.7 600 MHz S/FTP Kerpen Megaline F-6-90 S/F flex 4P H is designed for high-performance network cabling. The S/FTP design with FRNC-B jacket supports stable data connections up to 600 MHz and is therefore suitable for modern installations with high bandwidth.

• 600 MHz Cat.7 bandwidth – Supports transmission standards from IEEE 802.3 10Mbit to 10Gbit and creates scope for high-performance networks.
• S/FTP design with braid shielding – Reduces interference and supports stable signal quality in demanding cabling.
• FRNC-B jacket in grey with Euroclass Dca – Is halogen-free according to EN 60754-1/2, complies with RoHS 2011/65/UE and complements the installation with a contemporary choice of materials.

The cable is designed as a simplex and uses 27/7 conductors with 8 wires. The dynamic bending radius of 50 mm facilitates installation. The braided shielding supports decoupling from external influences and the design is intended for PoE according to IEEE802.3af PoE, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt. The version without reinforcement is aimed at laying in structured network environments.

Technical details
• Brand: Leonie KERPEN
• Category: Cat.7
• Transmission standards: IEEE 802.3 10Mbit to 10Gbit
• Max. frequency: 600 MHz
• Cable construction: S/FTP

This datasheet was created automatically on 01-11-2026 . Technical changes reserved.

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- PoE: after IEEE802.3af PoE, after IEEE802.3at PoE+, after IEEE802.3bt 4PPoE
- AWG cross-section/number of wires: 27/7
- Number of cores: 8
- Type: simplex
- Sheath material: FRNC-B
- Sheath colour: grey
- Armour: without
- Bend radius (dynamic): 50 mm
- Directive/Regulation: RoHS 2011/65/UE
- Euroclass: Dca
- Halogen-free: according to EN 60754-1/2
- Shield over stranding: braid

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	Type
99728.1		grey	1.0 m	8	simplex
99728.1000		grey	1000.0 m	8	simplex

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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