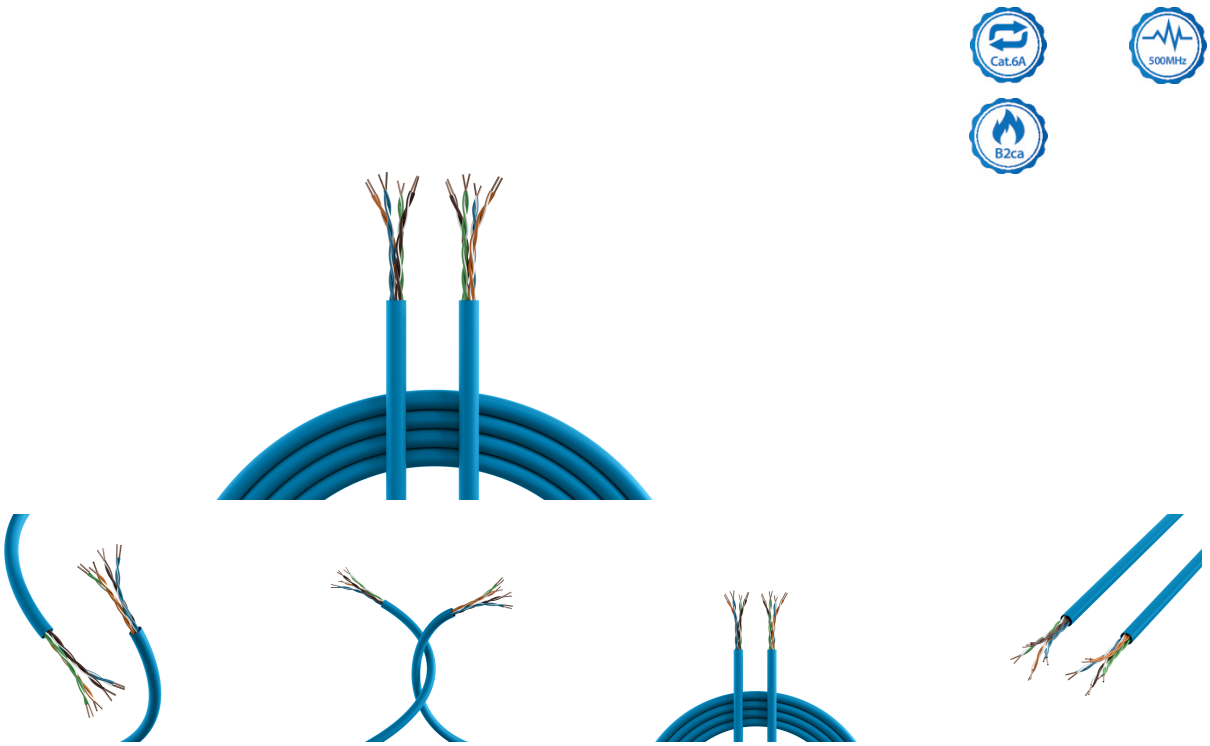
DATASHEET



General data

The INFRALAN Cat.6A LAN cable in blue is designed for high-performance network cabling. The U/UTP structure with LSZH jacket supports stable data connections up to 500 MHz and is therefore suitable for modern installations with high bandwidth. The blue version in RAL 5015 complements the installation with a clearly defined marking.

• 500 MHz Cat.6A (IEC) – Supports IEEE 802.3 from 10Mbit to 10Gbit and creates scope for high-performance networks.
• U/UTP construction without shielding over stranding – Relies on an unshielded construction for structured cabling.
• LSZH sheath in blue according to RAL 5015 and Euroclass B2ca – Combines halogen-free material properties according to EN 60754-1/2 with a contemporary CPR classification.

In the technical design, the cable uses 23/1 conductors with 8 wires in simplex design. The dynamic bending radius of 30 mm facilitates installation in narrow routes. The unshielded construction is intended for PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt. The structure does not require reinforcement and complies with RoHS 2011/65/UE.

Technical details
• Brand: INFRALAN
• Category: 6A (IEC)
• Transmission standards: IEEE 802.3 10Mbit to 10Gbit
• Max. frequency: 500 MHz

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- Cable construction: U/UTP
- PoE: after IEEE802.3af PoE, after IEEE802.3at PoE+, after IEEE802.3bt 4PPoE
- AWG cross-section/number of wires: 23/1
- Number of cores: 8
- Type: simplex
- Sheath material: LSZH
- Sheath colour: blue
- RAL colour: RAL 5015
- Armour: without
- Bend radius (dynamic): 30 mm
- Directive/Regulation: RoHS 2011/65/UE
- Euroclass: B2ca
- Halogen-free: according to EN 60754-1/2
- Shield over stranding: without

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	RAL colour	Type
99960.500-CPR		blue	500 m	8	RAL 5015	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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