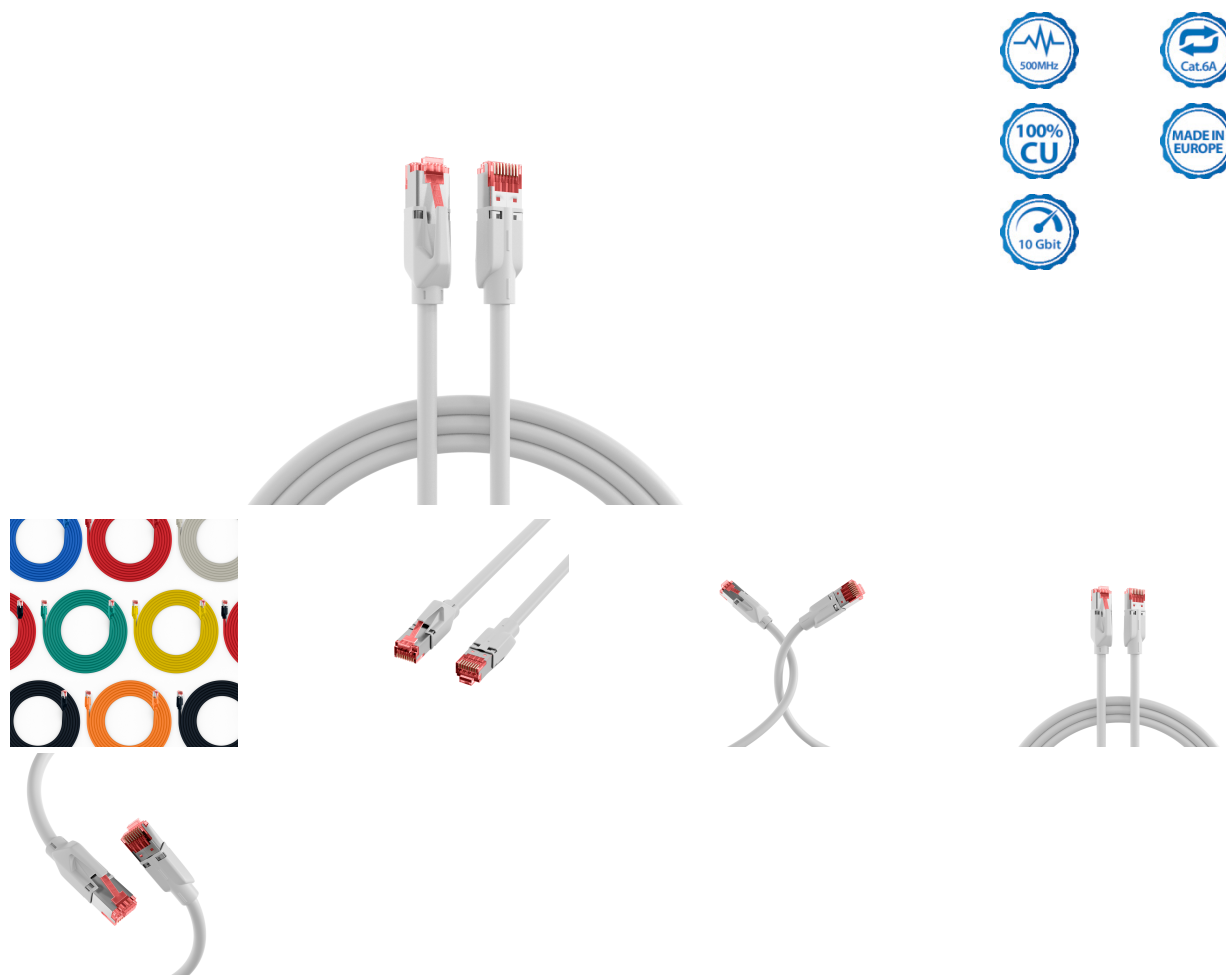


# DATASHEET



## General data

RJ45 patch cable Cat.6A S/FTP LSZH Draka UC900 TM21

The Cat.6A (TIA) patch cable enables 10Gbit Ethernet as a transmission standard and has gold-plated contacts.

### Technical product properties

- Cat. 6A (TIA)
- S/FTP cable with AWG27/7
- 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

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The jacket of the shielded patch cable is made of halogen-free LSZH material. In addition, the cable 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 red TM21 plugs is according to TIA/EIA 568B and is 1: 1.

The Ethernet cable has a conductor material made of copper and is ideal for use in structured building cabling, industrial Ethernet and data centers. The frequency range is up to 500 MHz.

## Tekniske egenskaber

### Available variants

| ArtNr.     | Bezeichnung                                                   | Length POE class |                                                                           | Length tolerance |
|------------|---------------------------------------------------------------|------------------|---------------------------------------------------------------------------|------------------|
| K8058.0,50 | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 0,5m | 0.5 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.1    | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 1m   | 1.0 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.1,5  | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 1,5m | 1.5 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.2    | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 2m   | 2.0 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.3    | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 3m   | 3.0 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.5    | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 5m   | 5.0 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.7,5  | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 7,5m | 7.5 m            | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.10   | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 10m  | 10.0 m           | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 %             |
| K8058.15   | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 15m  | 15.0 m           | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at                           | ±5 %             |
| K8058.20   | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 20m  | 20.0 m           | PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at                           | ±5 %             |
| K8058.25   | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 25m  | 25.0 m           | PoE acc. to IEEE802.3af                                                   | ±5 %             |
| K8058.30   | RJ45 Patch Cord Cat.6A S/FTP LSZH Draka UC900 TM21 white 30m  | 30.0 m           | PoE acc. to IEEE802.3af                                                   | ±5 %             |
| K8058.0,25 |                                                               | 0.25 m           |                                                                           |                  |
| K8058.50   |                                                               | 50.0 m           |                                                                           |                  |

### 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

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regulatory requirements.

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