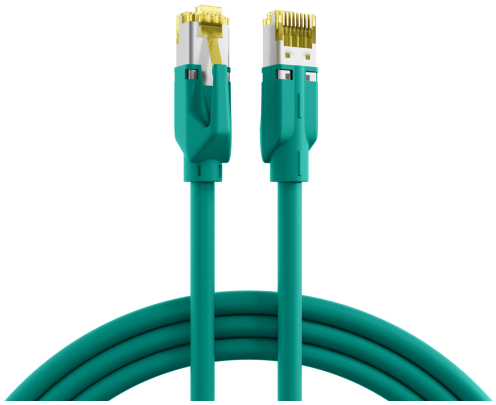
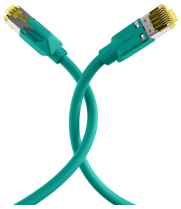
# DATASHEET













## General data

RJ45 patch cable Cat.6A S/FTP LSZH Datwyler 7702 TM31

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

Technical product features
- Cat. 6A (TIA)
- S/FTP cable with AWG26/7
- 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

**This datasheet was created automatically on 02-11-2026 . Technical changes reserved.**

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The jacket of the shielded patch cable is made of halogen-free LSZH material. The cable also 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 yellow TM31 plugs is 1:1 and follows TIA/EIA 568B.

The data cable has a conductor material made of copper and is ideal for use in structured building cabling, Industrial Ethernet and in data centers. The bandwidth is 500 MHz.

## Tekniske egenskaber

## Available variants

| ArtNr. | Bezeichnung | Length | POE class | Length tolerance |
|---|---|---|---|---|
| K8580GN.0,50 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 0,5m | 0.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.1 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 1m | 1.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.1,5 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 1,5m | 1.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.2 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 2m | 2.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.3 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 3m | 3.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.5 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 5m | 5.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.7,5 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 7,5m | 7.5 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.10 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 10m | 10.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.15 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 15m | 15.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.20 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 20m | 20.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt | ±5 % |
| K8580GN.25 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 25m | 25.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at | ±5 % |
| K8580GN.30 | RJ45 Patch Cord Cat.6A S/FTP LSZH Dätwyler 7702 TM31 green 30m | 30.0 m | PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at | ±5 % |
| K8580GN.40 | | 40.0 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 regulatory requirements.

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