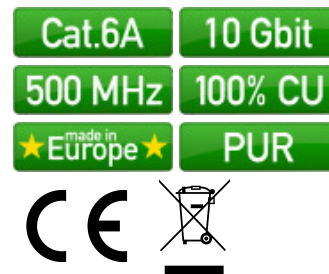


## RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, black



### Description

The Cat.6A RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for **10 Gigabit** Ethernet applications. The patch cable is composed of the Cat.7 raw cable **Patch Pro flex Cat 7** from Draka and **TM31** connectors from Hirose. Due to the **PUR** outer sheath, the patch cable is also **suitable for outdoor use** (except for direct burial).

Cross section 4 x 2 x AWG26/7

Mounted anti-kink grommet

### General data

|                                |                            |
|--------------------------------|----------------------------|
| Category                       | 6A (TIA)                   |
| Type of connector connection 1 | RJ45 8(8)                  |
| Type of connector connection 2 | RJ45 8(8)                  |
| Connector type                 | TM31 yellow                |
| Cable type                     | Draka Patch Pro flex Cat 7 |
| Contacts                       | 1.27 µ" gold plated        |
| Pin assignment                 | 1:1                        |
| Allocation                     | acc. TIA/EIA 568B          |
| Type                           | Shielded                   |
| Anti-kink sleeve               | put-on                     |
| Colour anti-kink sleeve        | black                      |
| Locking lever                  | No                         |

### Mechanical characteristics

|                   |                     |
|-------------------|---------------------|
| Mating cycles     | ≥ 750               |
| Bending radius    | 25 mm               |
| Conductive shield | 360° shield contact |

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## RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, black

### Cable construction

|                           |        |
|---------------------------|--------|
| Raw cable                 | Cat.7  |
| Cable structure           | S/FTP  |
| Cable construction        | 4x2    |
| AWG-size/strands per core | 26/7   |
| Conductor Material        | Copper |

### Cable sheath

|                             |        |
|-----------------------------|--------|
| Jacket material             | PUR    |
| Colour outer sheath         | black  |
| Outer diameter of the cable | 6.4 mm |

### Environmental conditions

|                                  |             |
|----------------------------------|-------------|
| Temperature Range (Operation)    | -20 – 60 °C |
| Temperature Range (Installation) | 0 – 50 °C   |

### Electrical characteristics

|                      |          |
|----------------------|----------|
| NVP value            | 75 %     |
| Impedance            | 100 ±5 Ω |
| Loop resistance      | 250 Ω/km |
| Resistance unbalance | 2 %      |

### Transmission characteristics

|           |        |
|-----------|--------|
| Bandwidth | 500MHz |
|-----------|--------|

### Standards, approvals, certifications

|           |                |
|-----------|----------------|
| Connector | IEC 60603-7-51 |
|-----------|----------------|

### Available variants

| Article no. | Title                                                                   | Length |
|-------------|-------------------------------------------------------------------------|--------|
| K3130.0,3   | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 0,3m, black | 0.3 m  |
| K3130.0,5   | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 0,5m, black | 0.5 m  |
| K3130.1     | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 1m, black   | 1.0 m  |
| K3130.2     | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 2m, black   | 2.0 m  |
| K3130.3     | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 3m, black   | 3.0 m  |
| K3130.5     | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 5m, black   | 5.0 m  |
| K3130.7,5   | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 7,5m, black | 7.5 m  |
| K3130.10    | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 10m, black  | 10.0 m |

**Article no.**      **Title**      **Length**

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## RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, black

|                    |                                                                        |               |
|--------------------|------------------------------------------------------------------------|---------------|
| K3130.15           | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 15m, black | 15.0 m        |
| K3130.20           | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 20m, black | 20.0 m        |
| <b>Article no.</b> | <b>Title</b>                                                           | <b>Length</b> |
| K3130.30           | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 30m, black | 30.0 m        |
| K3130.50           | RJ45 Patch cable S/FTP, Cat.6A, PUR, Cat.7 Raw cable, TM31, 50m, black | 50.0 m        |

