# DATASHEET

## RJ45 Patch cable S/FTP, Cat.6A, VC LED, grey







### Description

The shielded Cat.6A RJ45 patch cable provides excellent performance for **10 Gigabit Ethernet** applications. With the help of a detector (Art.-Nr. DC10001 oder DC10001USB) **light emitting diodes** are excited in both RJ45 plugs of the patch cable. The **illuminated RJ45 plugs** make it easy to **track the cable path**.

Cross section 4 x 2 x AWG26/7
**Length imprint on the grommet**

| General data | |
|---|---|
| Category | 6A (TIA) |
| Type of connector connection 1 | RJ45 8(8) |
| Type of connector connection 2 | RJ45 8(8) |
| Connector type | RJ45 LED |
| Pin assignment | 1:1 |
| Allocation | acc. TIA/EIA 568B |
| Type | Shielded |
| Length imprint | yes |
| Anti-kink sleeve | put-on |
| Colour anti-kink sleeve | grey |
| Locking lever | yes |



EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## RJ45 Patch cable S/FTP, Cat.6A, VC LED, grey

| Mechanical characteristics | |
|---|---|
| Bending radius | >20 mm |
| Conductive shield | 360° shield contact |

| Cable construction | |
|---|---|
| Cable structure | S/FTP |
| Total screening | >65 % |
| Cable construction | 4x2 |
| AWG-size/strands per core | 26/7 |
| Conductor Material | Copper |

| Cable sheath | |
|---|---|
| Jacket material | LSZH |
| Colour outer sheath | grey |
| Outer diameter of the cable | 6.2 mm |
| Flame-retardant | acc. IEC60332-3 |
| Halogen-free | acc. IEC60754-2 |
| Low smoke | acc. IEC61034 |

| Environmental conditions | |
|---|---|
| Temperature Range (Operation) | -25 – 60 °C |
| Temperature Range (Installation) | 0 – 50 °C |

| Electrical characteristics | |
|---|---|
| NVP value | - % |
| Impedance | 100 ±15 Ω |
| Conductor resistance DC | 165 Ω/km |
| Loop resistance | 330 Ω/km |
| Insulation resistance | > 5000 MΩ |

| Transmission characteristics | |
|---|---|
| Bandwidth | 500MHz |

| Standards, approvals, certifications | |
|---|---|
| Connector | IEC 60603-7-51 |

**Available variants**

| Article no. | Title | Length |
|---|---|---|

**This datasheet was created automatically on 05-02-2020 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## RJ45 Patch cable S/FTP, Cat.6A, VC LED, grey

| | | |
|---|---|---|
| DCK1001GR.0,5 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 0,5m, grey | 0.5 m |
| DCK1001GR.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 1m, grey | 1.0 m |
| DCK1001GR.1,5 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 1,5m, grey | 1.5 m |
| DCK1001GR.2 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 2m, grey | 2.0 m |
| DCK1001GR.3 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 3m, grey | 3.0 m |
| DCK1001GR.4 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 4m, grey | 4.0 m |
| DCK1001GR.5 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 5m, grey | 5.0 m |
| DCK1001GR.7 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 7m, grey | 7.0 m |
| DCK1001GR.7,5 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 7,5m, grey | 7.5 m |
| DCK1001GR.10 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 10m, grey | 10.0 m |
| DCK1001GR.15 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 15m, grey | 15.0 m |
| DCK1001GR.20 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 20m, grey | 20.0 m |
| DCK1001GR.50 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, 50m, grey | 50.0 m |

| **accessory** | |
|---|---|
| DC10001USB | Detector, activates LED in LED Patch Cable |
| DC10002 | Accessory for LED Patch Cable Detector |
| DC10001 | LED Detector |

| **similar product** | |
|---|---|
| DCK1001WS.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, white |
| DCK1001SW.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, black |
| DCK1001RT.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, red |
| DCK1001GN.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, green |
| DCK1001GE.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, yellow |
| DCK1001BL.1 | RJ45 Patch cable S/FTP, Cat.6A, VC LED, blue |

**This datasheet was created automatically on 05-02-2020 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION