# Product information

## Patch Cord Cat. 6A, S/FTP, 4P, LSFRZH, gray, RJ45/s-RJ45/s, 0.5 m

R302331
101349095
10 Pcs.

010.2076

Cable identification: S/FTP
Outer jacket: LSFRZH
Conductor diameter copper strand: AWG 26/7
Screened in pairs: AL/foil
Overall screen: copper braid
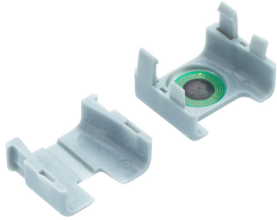Outer diameter: max. 6.2 mm

## Technical Data

| DESCRIPTION [UNIT] | VALUE/VALUE RANGE |
|---|---|
| Standard | Compliant with Cat. 6, Class E (250 MHz) requirements: ISO/IEC 11801 ed. 2.2<br>Compliant with Cat. 6 component standard IEC 60603-7-4<br>Compliant with Cat. 6 component standard IEC 60603-7-5<br>Fulfilled the standard IEC 61935-2:2010 |
| Protection class IP | IP 20 |
| PoE | Yes |
| Connector class | connector |
| Shielding connector (A) | shielded |
| Connector type (A) | RJ45 |
| Category connector (A) | Real10 Cat. 6 |
| Shielding connector (B) | shielded |
| Connector type (B) | RJ45 |
| Category connector (B) | Real10 Cat. 6 |
| Cable type | patch cord |
| Category | Real10 Cat. 6 |
| Shielding | S/FTP |
| Jacket material | LSFRZH |
| Cable jacket characteristics | Cable, metal-free<br>Zero-halogen<br>Flame-retardant |
| Cable overall diameter | 6.2 mm |
| Wire diameter | AWG 26/7 |
| Number of wires | 8 |
| Stranding | 4 pairs |
| Wire type | stranded wire |

## Mechanical Data

| DESCRIPTION [UNIT] | VALUE/VALUE RANGE |
|---|---|
| Cable length | 0.5 m |
| Color Code RAL | 7035 Light gray |

Flexible cable, S/FTP, 4 x 2 x AWG 26/7, LSFRZH,
7035 Light gray. Low-smoke in acc. with IEC 61034, flame-retardant in acc. with IEC 60332-3C and halogen-free in acc. with IEC 60754-1. Halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
Mounted on both sides with
RJ45 connector compliant with Cat. 6 component standard. Key standard: IEC 60603-7 RJ45 category 6; IEC 60603-7-1 to 5. Strain-relief function in acc. with TIA 568-C.
Complies with requirements of Cat. 6 for the establishing of transmission links of class E and class EA in acc. with ISO/IEC 11801 ed. 2.2, June 2011 and EN 50173-1, May 2011 (DIN EN 50173-1). Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four.
Optional:
Visual coding, mechanical coding and lock protection.

| | Description | PU | Product No. |
|---|---|---|---|
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302342 |
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302343 |
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302344 |
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302345 |
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302347 |

| | Description | PU | Product No. |
|---|---|---|---|
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302348 |
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302349 |
|  | Color coding for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R302420 |
|  | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317100 |
|  | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317094 |
|  | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317095 |
|  | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317096 |

| | Description | PU | Product No. |
|---|---|---|---|
| | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317097 |
| | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317098 |
| | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317099 |
| | Easy Latch for RJ45 patch cords and consolidation point patch cords. | 20 Pcs. | R317093 |
| | Elastic, transparent rubber sleeve suitable for all RJ45 patch cords. Together the Splash sleeve and the Splash cap offer protection class IP54. | 10 Pcs. | R306064 |
| | Color code: blue, red, green, anthracite. Suitable for RJ45 patch cords. | 20 Pcs. | R25432 |
| | Color code: yellow, brown, violet, white. Suitable for RJ45 patch cords. | 20 Pcs. | R25677 |

| | Description | PU | Product No. |
|---|---|---|---|
| | Locking element for RJ45 patch cords (R&M standard patch cords), protecting connections from being unplugged by mistakes. | 20 Pcs. | R304807 |
| | Lockable plug-out protection for RJ45 connecting cables (R&M standard patch cables).<br>Color coding with color clip. | 20 Pcs. | R313814 |
| | For the tool-free retrofitting of 10 RJ45 patch cords with R&MinteliPhy functions. Compatible with R&M patch cords. | 1 Pcs. | R809348 |