

Product information

Patch Cord Cat. 6, U/UTP, 4P, LSZH, gray, RJ45/u-
RJ45/u, 10.0 m

R302316
101347465
10 pcs



Cable identification: U/UTP
Outer jacket: LSZH
Conductor diameter copper strand: AWG 26/7
Screened in pairs: no
Overall screen: no
Outer diameter: max. 6.0 mm

090.6826 / similar product

Technical Data

| DESCRIPTION [UNIT] | VALUE/VALUE RANGE |
|------------------------------|--|
| Standard | Compliant with Cat. 6 Class E (250 MHz) requirements: ISO/IEC 11801 ed. 2.2 Compliant with Cat. 6 component standard IEC 60603-7-4 Compliant with Cat. 6 component standard IEC 60603-7-5 Fulfilled the standard IEC 61935-2:2010 |
| Protection class IP | IP 20 |
| PoE | Yes |
| Connector class | connector |
| Shielding connector (A) | unshielded |
| Connector type (A) | RJ45 |
| Category connector (A) | Cat. 6 |
| Shielding connector (B) | unshielded |
| Connector type (B) | RJ45 |
| Category connector (B) | Cat. 6 |
| Cable type | patch cord |
| Category | Cat. 6 |
| Shielding | U/UTP |
| Jacket material | LSZH |
| Cable jacket characteristics | Cable, metal-free Zero-halogen |
| Cable overall diameter | 6.0 mm |
| Conductor | AWG 26/7 |
| Number of wires | 8 |
| Stranding | 4 x 2 pairs |
| Wire type | stranded wire |

Mechanical Data

| DESCRIPTION [UNIT] | VALUE/VALUE RANGE |
|--------------------|-------------------|
| Cable length | 10 m |
| Color Code RAL | 7035 Light gray |

Flexible cable, U/UTP, 4 x 2 x AWG 26/7, LSZH, color gray (RAL 7035). Low-smoke in acc. with IEC 61034 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 in acc. with ISO/IEC 11801 ed. 2.2, June 2011 and EN 50173-1, May 2011 (DIN EN 50173-1).

Optional:

Visual coding, mechanical coding and lock protection.

| | Description | PU | Product No. |
|---|---|--------|-------------|
|  | Color Coding RJ45 Connector, anthracite | 20 pcs | R302342 |
|  | Color Coding RJ45 Connector, blue | 20 pcs | R302343 |
|  | Color Coding RJ45 Connector, brown | 20 pcs | R302344 |
|  | Color Coding RJ45 Connector, yellow | 20 pcs | R302345 |
|  | Color Coding RJ45 Connector, gray | 20 pcs | R302347 |

| | Description | PU | Product No. |
|---|---------------------------------------|--------|-------------|
|  | Color Coding RJ45 Connector, green | 20 pcs | R302348 |
|  | Color Coding RJ45 Connector, red | 20 pcs | R302349 |
|  | Color Coding RJ45 Connector, violet | 20 pcs | R302420 |
|  | Easy Latch RJ45 Connector, anthracite | 20 pcs | R317100 |
|  | Easy Latch RJ45 Connector, blue | 20 pcs | R317094 |
|  | Easy Latch RJ45 Connector, brown | 20 pcs | R317095 |
|  | Easy Latch RJ45 Connector, yellow | 20 pcs | R317096 |

| | Description | PU | Product No. |
|---|--|--------|-------------|
|  | Easy Latch RJ45 Connector, gray | 20 pcs | R317097 |
|  | Easy Latch RJ45 Connector, green | 20 pcs | R317098 |
|  | Easy Latch RJ45 Connector, red | 20 pcs | R317099 |
|  | Easy Latch RJ45 Connector, violet | 20 pcs | R317093 |
|  | Splash Sleeve IP54, transparent | 10 pcs | R306064 |
|  | Coding "A" for RJ45 Connectors, anthracite | 20 pcs | R25432 |
|  | Coding "B" for RJ45 Connectors, white | 20 pcs | R25677 |

| | Description | PU | Product No. |
|---|---|--------|-------------|
|  | Safe Clip | 20 pcs | R304807 |
|  | Patch Guard RJ45 | 20 pcs | R313814 |
|  | R&MinteliPhy RFID clip pair RJ45 (10 pairs) | 1 pcs | R809348 |