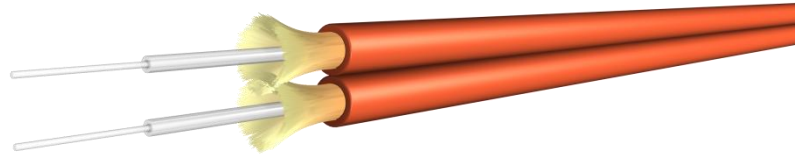
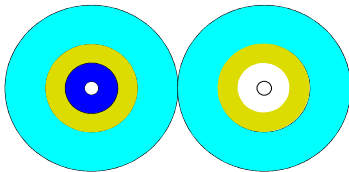


D17a: UC^{FIBRE}™ zip cord 1.8 mm x 2

Assembly cable with 2 ES9 buffered fibres, aramid yarn, FireRes[®] sheath. VDE: J-V(ZN) H 2



Application and installation

Fits small form factor connectors e.g. MTRJ connector
This cable features Draka's ES9 easy strippable tight buffer
Patch cord cable
Internal wiring

Standards

EN 187 000, IEC 60794-2, IEC 60794-2-10, ISO 11801 2nd edition, EN 50 173-1

Flame resistance

LSHF-FR (FRNC): IEC 60332-1; IEC 60332-3-24; IEC 60754-2; IEC 61034

Construction

| | | |
|-----------------|---|------------------|
| Fibre | 2 ES9 easily strippable tightly buffered fibres 900 µm ± 50 µm | |
| Fibre colours | Fibre 1 Natural | |
| | Fibre 2 Blue | |
| Strength member | Ultra high modulus aramid yarns | |
| Sheath | Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised | |
| Sheath colours | Cable with SM fibres | Yellow, RAL 1021 |
| | Cable with MaxCap-BB-OM2 fibers | Orange, RAL 2003 |
| | Cable with M6 fibres | Grey, RAL 7037 |
| | Cable with MaxCap-BB-OM3 and MaxCap-BB-OM4 fibres | Aqua, RAL 6027 |
| Sheath marking | Draka UC ^{FIBRE} I T N LSHF-FR ES9 1.8 2<Fibre type><Fibre brand><Item No>05<Batch Number><Meter mark> J-V(ZN)H 2 <Fibre family> <Mode field diameter> /125 <Transmission Class> | |

D17a: UC^{FIBRE™} zip cord 1.8 mm x 2

Physical properties

IEC 60794-1-2

| Attribute | Method | Limits |
|---|--------|---|
| Nominal dimensions | - | 1.8 mm x 3.7 mm |
| Nominal weight | - | 6 kg/km |
| Tensile strength (dynamic) | E1 | 240 N |
| Tensile strength (permanent) | E1 | 120 N |
| Compressive strength (crush) | E3 | 600 N (max. variation 0.05 dB) 1000 N (max. variation 0.5 dB) |
| Impact | E4 | 2 Nm |
| Torsion | E7 | 5 cycles ± 1 turn |
| Min. Bending radius | E11 | R = 20 mm |
| For version with BendBright ^{XS} fibre: Min. Bending radius | E11 | R = 7.5 mm R = 15 mm, 6 turns around a mandrel ø 30 mm (maximum attenuation increase ≤ 0.02 dB at 1550 nm). Maximum attenuation increase for R = 10 mm 0.1 dB/turn at 1550 nm. Maximum attenuation increase for R = 7.5 mm 0.5 dB/turn at 1550 nm. |
| Temperature range | F1 | Operation and installation: -40°C to 70°C. Storage: -40°C to 70°C |
| Heat of combustion | - | 136 MJ/km 0.04 kWh/m |

Product codes – ordering information

| Prysmian Group material code | Prysmian Group material description | Draka material code | Fibre count | Fibre type | Fibre data sheet |
|------------------------------|---|---------------------|-------------|------------------------------------|------------------|
| | UC ^{FIBRE™} I T N LSHF-FR ES9 1.8 2 OM2B | | 2 | OM2 MaxCap-BB-OM2 | C34 |
| 60030536 | UC ^{FIBRE™} I T N LSHF-FR ES9 1.8 2 OM3B | | 2 | OM3 MaxCap-BB-OM3 | C31 |
| 60019842 | UC ^{FIBRE™} I T N LSHF-FR ES9 1.8 2 OM4B | 1025778 | 2 | OM4 MaxCap-BB-OM4 | C32 |
| | UC ^{FIBRE™} I T N LSHF-FR ES9 1.8 2 MM61 | | 2 | OM1 62.5/125 multi mode | C02 |
| | UC ^{FIBRE™} I T N LSHF-FR ES9 1.8 2 SM2D.P | | 2 | OS2 Single mode | C18e |
| | UC ^{FIBRE™} I T N LSHF-FR ES9 1.8 2 SM7B | | 2 | BendBright ^{XS} G.657. A2 | C24 |

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