

FO patch cable - FL SM PATCH 1,0 LC-SC - 2989190

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Assembled fiber optic cable, break-out cable, fiberglass single mode 9/125 µm (OS2, Low Water Peak Fiber) connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m



Your advantages

- Single-mode patch cable for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- 2.8 mm single elements made from halogen-free and flame-retardant material



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 354745 |
| GTIN | 4046356354745 |
| Weight per Piece (excluding packing) | 40.000 g |
| Custom tariff number | 85447000 |
| Country of origin | Czech Republic |

Technical data

Cable type

| | |
|--------------------|------------------------|
| Cable abbreviation | I-V(ZN)H |
| Cable type | Single-mode fiberglass |
| Fixed cable length | 1.00 m |
| Cable weight | 15.80 kg/km |

Ambient conditions

| | |
|---------------------------------|-----------------|
| Ambient temperature (operation) | -5 °C ... 70 °C |
|---------------------------------|-----------------|

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Ambient conditions

| | |
|---|---|
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |
| Ambient temperature (installation) | -5 °C ... 50 °C |
| Resistance to oil | Not resistant to oil, gasoline, acids, and lyes |

External sheath

| | |
|---|-----------------------------|
| Outer sheath, material | FRNC |
| External sheath, color | yellow |
| External sheath, strain relief elements | Non-metallic, aramide fiber |
| External diameter max. | 5.7 mm |
| External diameter min. | 2.8 mm |

Single wire

| | |
|-------------------------------------|------------------------------|
| Single wires, quantity | 2 |
| Individual wire, diameter | 900 µm |
| Single wire, strain relief elements | Non-metallic, aramide fibers |

Mechanical properties

| | |
|---------------------------------------|------------|
| Bending radius short term/long term | 30 mm |
| Bending radius, long-term | 60 mm |
| Lateral pressure, long-term | 60.00 N/cm |
| Tensile strength short-term/long-term | 600 N |
| Cable, attenuation | 0.38 dB/km |
| | 0.28 dB/km |

General

| | |
|---|-------------|
| Conductor length | 1.00 m |
| Cable weight | 15.80 kg/km |
| Transmission characteristics (category) | OS2 |
| Transmission speed | 10 Gbps |
| Degree of protection | IP20 |

Behavior in fire

| | |
|------------------------|------------------------------|
| Flame resistance | according to DIN 60332-1-2 |
| | IEC 60332-3-22 (Cat. A) |
| Concentration of fumes | in accordance with IEC 61034 |
| Halogen-free | According to IEC 60754-2 |
| Behavior in fire | No corrosive or toxic fumes |
| | 0.36 MJ/m |

Attenuation

| | |
|---------|------------|
| 1300 nm | 0.38 dB/km |
|---------|------------|

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Technical data

Attenuation

| | |
|---------|------------|
| 1550 nm | 0.28 dB/km |
|---------|------------|

Standards and Regulations

| | |
|------------------------|---|
| Concentration of fumes | in accordance with IEC 61034 |
| Flame resistance | according to DIN 60332-1-2 |
| | IEC 60332-3-22 (Cat. A) |
| Resistance to oil | Not resistant to oil, gasoline, acids, and lyes |
| Halogen-free | According to IEC 60754-2 |
| Behavior in fire | No corrosive or toxic fumes |
| | 0.36 MJ/m |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27061003 |
| eCl@ss 4.0 | 27250500 |
| eCl@ss 4.1 | 27250500 |
| eCl@ss 5.0 | 27259200 |
| eCl@ss 5.1 | 27259200 |
| eCl@ss 6.0 | 27259200 |
| eCl@ss 7.0 | 27259207 |
| eCl@ss 8.0 | 27061003 |
| eCl@ss 9.0 | 27061003 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001263 |
| ETIM 3.0 | EC001263 |
| ETIM 4.0 | EC002607 |
| ETIM 5.0 | EC001263 |
| ETIM 6.0 | EC001263 |
| ETIM 7.0 | EC001263 |

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 26121607 |
| UNSPSC 7.0901 | 26121607 |
| UNSPSC 11 | 26121607 |
| UNSPSC 12.01 | 26121607 |
| UNSPSC 13.2 | 26121607 |
| UNSPSC 18.0 | 26121607 |
| UNSPSC 19.0 | 26121607 |
| UNSPSC 20.0 | 26121607 |
| UNSPSC 21.0 | 26121607 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



B.01742

Accessories

Accessories

Adapter

Fiber optic coupling - FL COUPLER SC-DUPLEX - 2901788



Coupling, SC duplex/SC duplex, compatible with multi-mode and single mode glass fibers, PCF, and polymer fibers

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Accessories

Fiber optics connector (device side)

SC-RJ female insert - VS-SCRJ-GOF-BU/BU - 1652978



SC-RJ socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers

Fiber optic coupling - PSM-SET-BFOC-LINK/2 - 2799429



Coupling; set consisting of 2 couplings for connecting B-FOC plugs

Fiber optic coupling - FL SM PATCH COUPLER LC-LC - 2700313



Coupling, LC/LC, can be used for single mode glass fibers