

FO patch cable - FOC-LC:A-SJ:A-GZ01/1 - 1409793

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Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: LC/SC-RJ, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

Your advantages

- ✓ Multi-mode patch cable for indoor installation
- ✓ Ideal for use in distributor systems and for connecting termination devices
- ✓ All components satisfy UL 94, V0
- ✓ 2.8 mm single elements made from halogen-free and flame-retardant material
- ✓ Interferometer tests at every stage of the certification process
- ✓ Excellent mechanical and optical properties
- ✓ Satisfies optical and mechanical industry standards
- ✓ Connector with UPC polishing for optimum attenuation values
- ✓ Insertion loss ≤ 0.5 dB
- ✓ Return loss ≥ 35 dB
- ✓ Comprehensively tested according to IEC 61753-122-2 and IEC 61753-1 Cat. C
- ✓ Temperature fluctuation test according to IEC 61300-2-1
- ✓ Vibration test according to IEC 61300-2-1
- ✓ Tensile strength of the cable connection according to IEC 61300-2-5



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4046356882316 |

Technical data

Mechanical characteristics

| | |
|----------------------------------------|------------|
| Insertion/withdrawal cycles | ≥ 500 |
| Weight | 34.75 g |
| Flammability rating according to UL 94 | V0 |

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Technical data

Ambient conditions

| | |
|-----------------------------------------|------------------|
| Ambient temperature (operation) | -10 °C ... 60 °C |
| Ambient temperature (assembly) | -5 °C ... 50 °C |
| Ambient temperature (storage/transport) | -10 °C ... 60 °C |

Electrical characteristics

| | |
|------------------|---------|
| Lateral strength | 60 N/cm |
|------------------|---------|

Standards and Regulations

| | |
|----------------------------------------|------------------------------|
| Flame resistance | yes |
| Halogen-free | complying with IEC 60754-1/2 |
| Flammability rating according to UL 94 | V0 |

Line characteristics

| | |
|-----------------------------------------------|-----------------------------------------------|
| Type of cable | Zip cord |
| Cable type | Fiberglass |
| Cable abbreviation | I-V(ZN)H |
| External cable diameter | 2.8 mm (Zip cord) |
| Wire colors | - |
| External sheath, color | orange |
| Wavelength | 850, 1300 nm |
| Transmission medium | Multi-mode fiberglass |
| Number of fibers | 2 |
| Fiber type | Multi-mode 50/125 µm fiberglass |
| Fiber | 50/125 µm |
| Cable, attenuation | 2.7 dB/km (at 850 nm); 0.8 dB/km (at 1300 nm) |
| Outer sheath, material | LSZH |
| Cable weight | 15.80 kg/km |
| Smallest bending radius, fixed installation | 30 mm |
| Smallest bending radius, movable installation | 60 mm |
| Tensile strength short-term/long-term | 600 N |
| cable layer type | Indoors |
| Flame resistance | yes |
| Halogen-free | complying with IEC 60754-1/2 |

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" |

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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27061003 |
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440309 |
| eCl@ss 8.0 | 27061003 |
| eCl@ss 9.0 | 27061003 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC000034 |
| ETIM 5.0 | EC001263 |
| ETIM 6.0 | EC001263 |
| ETIM 7.0 | EC001263 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 26121607 |
| UNSPSC 18.0 | 26121607 |
| UNSPSC 19.0 | 26121607 |
| UNSPSC 20.0 | 26121607 |
| UNSPSC 21.0 | 26121607 |

Approvals

Approvals

Approvals

UL Listed / EAC


Ex Approvals

Approval details

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Approvals

| | | |
|-----------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL Listed |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E308814-20070105 |
|-----------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | | |
|-----|-----------------------------------------------------------------------------------|---------|
| EAC |  | B.01687 |
|-----|-----------------------------------------------------------------------------------|---------|

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