

## FO patch cable - FOC-ST:A-SC:A-GZ02/1 - 1409821

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Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125  $\mu\text{m}$ , OM2, plug: SC duplex/B-FOC (ST), 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
- ✓ Low-bend fiber
- ✓ Individual test report with  $\leq 0.3$  dB insertion loss, measured according to IEC 61300-3-4
- ✓ Individual test report with  $\geq 35$  dB return loss, measured according to IEC 61300-3-6
- ✓ 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

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 882460
GTIN	4046356882460

### Technical data

#### Mechanical characteristics

Number of positions	2
Number of fibers	2

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## Technical data

### Mechanical characteristics

Type of cable	Zip cord
Length of cable	1.00 m
Degree of protection	IP20

### Ambient conditions

Ambient temperature (operation)	-10 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C

### Material data

Flammability rating according to UL 94	V0
External sheath, color	aqua
Ferrule material	Zirconia ceramics

### Electrical characteristics

Transmission speed	OM3
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### Standards and Regulations

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
Wire colors	-
External sheath, color	aqua
Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)
Cable weight	15.80 kg/km
Smallest bending radius, fixed installation	15 mm
Smallest bending radius, movable installation	30 mm
Tensile strength short-term/long-term	600 N
cable layer type	Indoors
Halogen-free	complying with IEC 60754-1/2

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

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## Approvals

Approvals

UL Listed / EAC


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Ex Approvals

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## Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E308814-20070105
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EAC		B.00767
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