

## FO patch cable - FOC-FS:A-FS:A-GZ04/1 - 1409855

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Assembled FO cable, zip cord cable, multi-mode fiberglass 62.5/125 µm, OM1, plug: FSMA/FSMA, degree of protection: IP20, for installation in cable ducts or control cabinets

### 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
- ✓ 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	 4 046356 883603
GTIN	4046356883603
Weight per Piece (excluding packing)	40.000 g
Custom tariff number	85447000
Country of origin	Germany

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## Technical data

### Mechanical characteristics

Weight	42.1 g
Flammability rating according to UL 94	V0

### 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
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### Standards and Regulations

Flame resistance	yes
Halogen-free	According to IEC 60754-2
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	Multimode fiberglass 62.5/125 µm
Fiber	62.5/125 µm
Cable, attenuation	3.2 dB/km (at 850 nm); 0.9 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	According to IEC 60754-2

### Environmental Product Compliance

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### 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	24010700
eCl@ss 4.1	24010700
eCl@ss 5.0	19030500
eCl@ss 5.1	19030500
eCl@ss 6.0	27069200
eCl@ss 7.0	27069202
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

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## Approvals

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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/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	E308814-20070105
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EAC			B.01742
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