

## FO patch cable - FOC-SC:A-SC:A-GZ01/2 - 1400685

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: SC duplex/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 m

### Why buy this product

- ✓ 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
- ✓ 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

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 734943
GTIN	4046356734943

### Technical data

#### Mechanical characteristics

Number of positions	2
Type of cable	Zip cord
Length of cable	2 m

# FO patch cable - FOC-SC:A-SC:A-GZ01/2 - 1400685

## Technical data

### Mechanical characteristics

Color	orange
Degree of protection	IP20

### Ambient conditions

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

### Material data

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

### Electrical characteristics

Transmission speed	OM2
--------------------	-----

### 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
Length of cable	Free entry (1.0 ... 1000.0 m)
Wire colors	-
External sheath, color	orange
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)
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
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"

# FO patch cable - FOC-SC:A-SC:A-GZ01/2 - 1400685

## Approvals

Approvals

---

Approvals

EAC / UL Listed


---

Ex Approvals

---

## Approval details

EAC		B.00767
-----	---	---------

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
-----------	--	--

---

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>