

# FO patch cable - FOC-SC:A-LC:A-GZ02/1 - 1409791

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  $\mu$ m, OM3, plug: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m

#### Why buy this product

- Multi-mode patch cable for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- Mall 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
- $\Box$  Individual test report with  $\leq$  0.3 dB insertion loss, measured according to IEC 61300-3-4
- $\square$  Individual test report with  $\ge$  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 STK
GTIN	4 046356 882293
GTIN	4046356882293

## Technical data

#### Mechanical characteristics

Number of positions	2
Type of cable	Zip cord



# FO patch cable - FOC-SC:A-LC:A-GZ02/1 - 1409791

## Technical data

## Mechanical characteristics

Length of cable	1 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)	-10 °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	
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	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

Approvals



# FO patch cable - FOC-SC:A-LC:A-GZ02/1 - 1409791

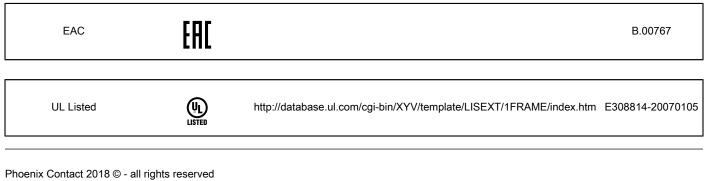
## Approvals

Approvals

EAC / UL Listed

Ex Approvals

## Approval details



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