

# FOC-ST:A-LC:A-GZ02/2 - FO patch cable



1400702

<https://www.phoenixcontact.com/us/products/1400702>

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 documentation. Our general terms of use for downloads are valid.



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125  $\mu\text{m}$ , OM3, plug: LC/B-FOC (ST), degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 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  $\leq 0.5$  dB
- Return attenuation  $\geq 35$  dB

## Commercial data

Item number	1400702
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIBC
GTIN	4046356735049
Weight per piece (including packing)	48.1 g
Weight per piece (excluding packing)	48.1 g
Customs tariff number	85447000
Country of origin	DE

1400702

<https://www.phoenixcontact.com/us/products/1400702>

## Technical data

### Product properties

Product type	Data cable preassembled
Number of positions	2
No. of conductors	2

### Electrical properties

Attenuation	≤ 0.5 dB (with 850 nm)
	≤ 0.5 dB (with 1300 nm)
Transmission medium	Multi-mode fiberglass

### Mechanical properties

Tensile strength short-term/long-term	50 N
---------------------------------------	------

#### Mechanical data

Smallest bending radius	30 mm
-------------------------	-------

### Material specifications

Color	blue
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics

### Dimensions

#### External dimensions

External diameter min.	2.8 mm
External diameter max.	5.7 mm

### Connector

#### Connection 1

Type	Plug straight B-FOC (ST)
------	--------------------------

#### Connection 2

Type	Plug straight LC
------	------------------

### Cable/line

Cable length	2.00 m
Cable weight	8.30 kg/km
Cable type	Fiberglass
Cable type	Zip cord
External cable diameter	2.00 mm (Zip cord)
Outer sheath, material	LSZH
External sheath, color	aqua
Wire diameter incl. insulation	900 µm

# FOC-ST:A-LC:A-GZ02/2 - FO patch cable



1400702

<https://www.phoenixcontact.com/us/products/1400702>

Individual wire diameter	900 µm (low-bend)
Single wire, color	-
Tensile strength short-term/long-term	600 N
Smallest bending radius, fixed installation	15 mm
Smallest bending radius, movable installation	30 mm
Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)
Halogen-free	complying with IEC 60754-1/2
Flame resistance	yes

## FO cable

Number of fibers	2
Fiber	50/125 µm
Fiber type	Multimode fiberglass 50/125 µm
Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)
Transmission medium	Multi-mode fiberglass

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-10 °C ... 60 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Ambient temperature (installation)	-5 °C ... 50 °C

## Standards and regulations

Flame resistance	yes
------------------	-----

# FOC-ST:A-LC:A-GZ02/2 - FO patch cable



1400702

<https://www.phoenixcontact.com/us/products/1400702>

## Classifications

### UNSPSC

UNSPSC 21.0	26121607
-------------	----------

# FOC-ST:A-LC:A-GZ02/2 - FO patch cable



1400702

<https://www.phoenixcontact.com/us/products/1400702>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)