

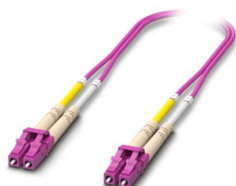
FOC-LC:A-LC:A-GZ03/... - FO patch cable



1405690

<https://www.phoenixcontact.com/us/products/1405690>

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Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 μm , OM4, plug: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

Your advantages

- Multimode patch cable with outstanding optical and mechanical properties for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- Fire protection with LSZH sheath and UL 94 V0 components
- Interferometer tests at every stage of the certification process
- Satisfies optical and mechanical industry standards
- Connector with UPC polishing for optimum attenuation values
- Temperature change test in accordance with IEC 61300-2-1
- Vibration test according to IEC 61300-2-1
- Tensile strength of the cable connection according to IEC 61300-2-5
- Comprehensively tested according to IEC 61753-122-2 and IEC 61753-1 Cat. C

Commercial data

Item number	1405690
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB50
Product key	ABNIBC
Customs tariff number	85447000
Country of origin	DE

Technical data

Product properties

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

Electrical properties

Transmission medium	Multi-mode fiberglass
Transmission speed	10 Gbps
Transmission speed	10 Gbps

Mechanical properties

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

Color	violet
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	Plastic
Outer sheath, material	FRNC

Dimensions

External dimensions

External diameter min.	2 mm
External diameter max.	4.2 mm

Mechanical characteristics

Ferrule diameter	1.25 mm
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Connector

Connection 1

Type	Plug straight LC duplex
Degree of protection	IP20

Connection 2

Type	Plug straight LC duplex
Degree of protection	IP20

Cable/line

Cable weight	8.30 kg/km
Cable type	Fiberglass
Cable type	Zip cord

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External cable diameter	2.00 mm (Zip cord)
Outer sheath, material	LSZH
External sheath, color	violet
Wire diameter incl. insulation	900 µm
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 type	Multimode

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Resistance to oil	no

Standards and regulations

Flame resistance	yes
Resistance to oil	no

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Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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