

FOC-ST:A-ST:A-GZ04/... - FO patch cable



1413821
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Assembled FO cable, zip cord cable, multi-mode fiberglass 62.5/125 µm, OM1, connector: B-FOC (ST)/B-FOC (ST), 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
- 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

Commercial data

Item number	1413821
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

Attenuation	≤ 0.5 dB (with 850 nm)
	≤ 0.5 dB (with 1300 nm)
Transmission medium	Multi-mode fiberglass
Transmission speed	1 Gbps
Transmission speed	1 Gbps

Mechanical properties

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

Smallest bending radius	30 mm
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Material specifications

Color	orange
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	2.50 mm
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Connector

Connection 1

Type	Plug straight 2x ST
Degree of protection	IP20

Connection 2

Type	Plug straight B-FOC (ST)
Degree of protection	IP20

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Cable/line

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	orange
Individual wire diameter	900 µm
Single wire, color	-
Tensile strength short-term/long-term	600 N
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Cable, attenuation	3.2 dB/km (at 850 nm); 0.9 dB/km (at 1300 nm)
Halogen-free	According to IEC 60754-2
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	62.5/125 µm
Fiber type	Multimode
Cable, attenuation	3.2 dB/km (at 850 nm); 0.9 dB/km (at 1300 nm)
Transmission medium	Multi-mode fiberglass

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 ... 55 °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 9.0	EC002607
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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
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%