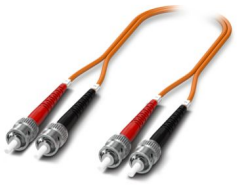
FOC-ST:A-ST:A-GZ04/... - FO patch cable

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
- 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

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

Electrical properties

Attenuation	≤ 0.5 dB (with 850 nm)
Transmission medium	FO
Transmission speed	1 Gbps (OM1)

Material specifications

Material Ferrule	Zirconia ceramic
Material Housing	Plastic
Flammability rating according to UL 94	V0
Outer sheath, material	FRNC

Dimensions

Diameter Ferrule	2.5 mm

Connector

Connection 1

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

Connection 2

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

Cable/line

Cable length	Free input (0.5 ... 100 m)
Cable weight	8.3 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
Halogen-free	According to IEC 60754-2
Flame resistance	yes

FO cable

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

Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700

UNSPSC

UNSPSC 21.0	26121600

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%

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