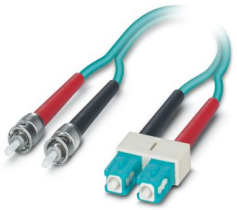
FOC-ST:A-SC:A-GZ02/2 - FO patch cable

1400705

https://www.phoenixcontact.com/us/products/1400705

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Assembled FO cable, zip cord cable, multimode fiberglass 50/125 µm, OM3, plug: SC duplex/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 ≤ 0.5 dB
- Return attenuation ≥ 35 dB

Commercial data

Item number	1400705
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB16
Product key	ABNIBC
GTIN	4046356735063
Weight per piece (including packing)	60.2 g
Weight per piece (excluding packing)	60.2 g
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)
	≤ 0.5 dB (with 1300 nm)
Transmission medium	FO

Mechanical properties

Tensile strength short-term/long-term	50 N

Material specifications

Flammability rating according to UL 94	V0

Dimensions

External dimensions

External diameter min.	2.80 mm
External diameter max.	5.70 mm

Mechanical characteristics

Ferrule diameter	2.50 mm

Connector

Connection 1

Type	Plug straight B-FOC (ST)

Connection 2

Type	Plug straight SC duplex

Cable/line

Cable length	2 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	aqua
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
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

Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-10 °C ... 60 °C
Ambient temperature (assembly)	-5 °C ... 50 °C

Standards and regulations

Flame resistance	yes

Classifications

UNSPSC

UNSPSC 21.0	26121607

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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