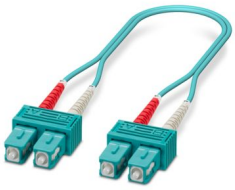
FOC-SC:A-SC:A-GZ02/... - FO patch cable

1405698

https://www.phoenixcontact.com/us/products/1405698

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 µm, OM3, plug: SC/SC, 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	1405698
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
Application	Standard
Number of positions	2

Electrical properties

Transmission medium	FO
Transmission speed	10 Gbps

Mechanical properties

Tensile strength short-term/long-term	50 N

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

External dimensions

External diameter min.	2.00 mm
External diameter max.	4.20 mm

Connection data

Connection technology

Connection method	SC duplex

Conductor connection

Connection method	SC duplex

Connector

Connection 1

Type	Plug straight SC / IP20
Degree of protection	IP20

Connection 2

Type	Plug straight SC / IP20
Degree of protection	IP20

Cable/line

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

Fiber type	Multimode
Cable, attenuation	2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm)

Environmental and real-life conditions

Ambient conditions

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%

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