

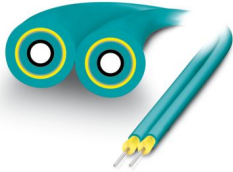
FOC-OE-OE-GZ02/... - FO cable

1411563

<https://www.phoenixcontact.com/us/products/1411563>

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Fiber optic cable, multi-mode fiber glass 50/125 μm , OM3, length: various



Your advantages

- Ideal for assembly with fiberglass connectors
- Exceptional fiber quality for reliable data transmission
- Very high data rates possible for demanding applications
- Satisfies UL 94, V0

Commercial data

Item number	1411563
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB50
Product key	ABNICC
Customs tariff number	85447000
Country of origin	DE

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Technical data

Product properties

Product type	Data cable by the meter
Application	Indoor installation
Number of positions	2
No. of conductors	2

Electrical properties

Attenuation	≤ 2.5 dB/km (with 850 nm)
	≤ 0.7 dB/km (with 1300 nm)
Transmission medium	FO
Transmission speed	10 Gbps

Dimensions

External dimensions

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

Material specifications

Color	blue
Flammability rating according to UL 94	V0
Outer sheath, material	LSZH

Connector

Connection 2

Type	free cable end
Degree of protection	IP20

Cable/line

Cable length	2.50 m
Cable weight	8.30 kg/km
Cable type	Fiberglass
Cable type	Zip cord
Cable abbreviation	I-V(ZN)H
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	-
Smallest bending radius, fixed installation	15 mm
Smallest bending radius, movable installation	30 mm

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Tensile strength short-term/long-term	600 N
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	50/125 µm
Fiber type	Multimode fiberglass 50/125 µm
Transmission medium	Multi-mode fiberglass
Wavelength	850, 1300 nm

Mechanical properties

Tensile strength short-term/long-term	600 N
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Mechanical data

Smallest bending radius	30 mm
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Characteristics

Attenuation	≤ 2.5 dB/km (with 850 nm)
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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 UV radiation	no

Standards and regulations

Flame resistance	yes
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Mounting

cable layer type	Indoors
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Classifications

ECLASS

ECLASS-13.0	27061803
ECLASS-15.0	27061803

ETIM

ETIM 10.0	EC000034
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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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