FOC-OE-OE-GZ04/... - FO cable

1411566

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Fiber optic cable, multi-mode fiberglass 62.5/125 µm, OM1, 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	1411566
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

Technical data

Product properties

Product type	Data cable by the meter
Application	Indoor installation
Number of positions	2

Electrical properties

Attenuation	≤ 3 dB/km (with 850 nm)
	≤ 0.8 dB/km (with 1300 nm)
Transmission medium	FO
Transmission speed	1 Gbps (OM1)

Dimensions

External dimensions

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

Material specifications

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

Connector

Connection 2

Type	free cable end / IP20
Degree of protection	IP20

Cable/line

Cable length	2.5 m
Cable weight	8.3 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	orange
Individual wire diameter	900 µm
Single wire, color	-
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Tensile strength short-term/long-term	600 N
Halogen-free	According to IEC 60754-2
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	62.5/125 µm
Fiber type	Multimode fiberglass 62.5/125 µm
Transmission medium	Multi-mode fiberglass
Wavelength	850, 1300 nm

Mechanical properties

Tensile strength short-term/long-term	600 N

Characteristics

Attenuation	≤ 3 dB/km (with 850 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 ... 50 °C

Standards and regulations

Flame resistance	yes

Mounting

cable layer type	Indoors

Classifications

ECLASS

ECLASS-13.0	27061803
ECLASS-15.0	27061803

ETIM

ETIM 10.0	EC000034

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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