

FOC-GDO-1017/IP20/... - FO patch cable



2901559

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Highly rugged GOF round cable (IP20 heads only) for assembly and for outdoor installation with integrated moisture barrier as well as rodent-proof scrim. Individual elements made from highly flexible FRNC material. The wire is ozone and UV resistant with a very rugged polyethylene outer sheath.

Your advantages

- Watertight lengthwise
- Extremely rugged polyethylene outer sheath
- 2.2 mm individual wires made from highly flexible FRNC material
- Rugged round cable for outdoor installation
- Ozone and UV resistant
- Integrated vapor barrier and rodent-proof scrim

Commercial data

Item number	2901559
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN35
Product key	DNC243
Weight per piece (including packing)	5,500 g
Weight per piece (excluding packing)	5,500 g
Customs tariff number	85447000
Country of origin	DE

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Technical data

Notes

Note on application

Note on application	Only for industrial use
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Product properties

Product type	Data cable preassembled
Application	External areas
Number of positions	2

Interfaces

Signal	Modbus
	Ethernet
	PROFIBUS

Electrical properties

Transmission speed	1 Gbps
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Cable/line

Cable length	Free entry (1.0 ... 1000.0 m)
Cable weight	97 kg/km
External cable diameter	10.5 mm
Outer sheath, material	PE
External sheath, strain relief elements	Non-metallic, aramide fiber
Outer sheath, rodent protection	Glass fibers
External sheath, lengthwise water-proofing??	IEC 60794-1-2
Single wire, material	FRNC material
Individual wire diameter	2.9 mm ±0.1 mm
Tensile strength short-term/long-term	1500 N / 500 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
Impact strength	1,5 Nm / 3 x
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	150 mm (Short-term)
	150 mm (Short-term)
850 nm	2.5 dB/km
1300 nm	0.7 dB/km
Halogen-free	According to IEC 60754-2

Environmental and real-life conditions

Ambient conditions

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Altitude	5000 m
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Classifications

ECLASS

ECLASS-13.0	27061803
ECLASS-15.0	27061803

ETIM

ETIM 9.0	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
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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