

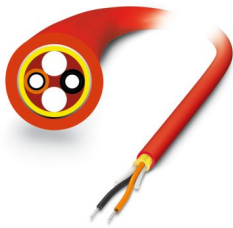
FOC-RUGGED-1012/IP20/... - FO patch cable



2901548

<https://www.phoenixcontact.com/us/products/2901548>

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Robust POF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines with individual elements made of polyamide (PA), halogen-free, ozone and UV resistant, with reinforced polyurethane (PUR) outer sheath

Your advantages

- Robust installation cable for installation in stationary systems and machines
- For indoors
- Designed to meet increased requirements in terms of tensile and lateral loads
- Reinforced polyurethane (PUR) outer sheath
- 2.2 mm individual wires made from extremely hard-wearing polyamide (PA)
- Halogen-free, ozone, and UV resistant

Commercial data

Item number	2901548
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN35
Product key	DNC241
Customs tariff number	85447000
Country of origin	CZ

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Technical data

Product properties

Product type	Data cable preassembled
Application	Standard
Number of positions	2

Interfaces

Signal	Modbus
	PROFIBUS

Electrical properties

Transmission speed	100 Mbps
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Material specifications

Material Separating film	Aluminum
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Cable/line

Cable length	Free input (0.4 ... 100 m)
Cable weight	54 kg/km
External cable diameter	8 mm
Outer sheath, material	PUR
External sheath, strain relief elements	Non-metallic, aramide fiber
Single wire, material	PA
Individual wire diameter	2.2 mm ±0.07 mm
Tensile strength short-term/long-term	1000 N / 100 N
Lateral pressure short term	300 N/cm
Lateral pressure, long-term	20 N/cm
Impact strength	2 Nm / 10 x
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	65 mm (Short-term)
	65 mm (Short-term)
660 nm	230 dB/km
Halogen-free	According to IEC 60754-2

Environmental and real-life conditions

Ambient conditions

Altitude	5000 m
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Classifications

ECLASS

ECLASS-13.0	27061803
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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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