

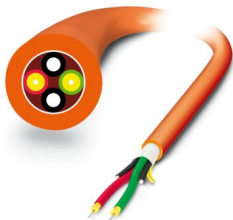
FOC-HCS-RUGGED-1014/IP20/... - FO patch cable



2901555

<https://www.phoenixcontact.com/us/products/2901555>

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Robust PCF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, aramid strain relief elements, with individual elements made from FRNC material, halogen-free, ozone and UV resistant, with a polyurethane (PUR) outer sheath

Your advantages

- Robust installation cable for installation in stationary systems and machines
- For indoors
- Rugged polyurethane (PUR) outer sheath
- Highly tear-resistant aramid strain relief elements
- 2.9 mm individual wires made from highly flexible FRNC material
- Halogen-free, ozone, and UV resistant

Commercial data

Item number	2901555
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN35
Product key	DNC242
Weight per piece (including packing)	100 g
Weight per piece (excluding packing)	92 g
Customs tariff number	85447000
Country of origin	DE

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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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Cable/line

Cable length	Free input (1.0 ... 2000 m)
Cable weight	54 kg/km
External cable diameter	8 mm
Outer sheath, material	PUR
Single wire, number of litz wires	2
Single wire, material	FRNC material
Individual wire diameter	2.9 mm ±0.1 mm
Numerical aperture	0.37
Tensile strength	1000 N (Short-term)
	200 N (permanent)
Impact strength	2 Nm / 10 x
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	60 mm (Short-term)
	60 mm (Short-term)
660 nm	10 dB/km
850 nm	8 dB/km
Halogen-free	According to IEC 60754-2
Resistance to oil	IRM 902 No.2, 100 °C, DIN VDE 0473-811-2-1
Behavior in fire	1.72 MJ/m (0.48 kWh/m)

Environmental and real-life conditions

Ambient conditions

Altitude	5000 m
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Classifications

ECLASS

ECLASS-13.0

27061803

ETIM

ETIM 9.0

EC000034

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com