

# FOC-OP4S-OP4S-GL01/10 - Connecting cable



1415228

<https://www.phoenixcontact.com/us/products/1415228>

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Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 4



## Product description

Robust connecting cable ODC-4 to ODC-4, with screw connection, degree of protection: IP68

## Your advantages

- Compact design with ceramic contact inserts
- Threaded locking latch
- For extreme ambient conditions

## Commercial data

Item number	1415228
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHAA
GTIN	4055626188393
Weight per piece (including packing)	465 g
Weight per piece (excluding packing)	460 g
Customs tariff number	85447000
Country of origin	CN

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## Technical data

### Product properties

Product type	Data cable preassembled
Number of positions	4

### Interfaces

Signal	Ethernet
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### Electrical properties

Attenuation	typ. 0.2 dB
	max. 0.6 dB
Transmission medium	Multi-mode fiberglass

### Mechanical properties

Tensile strength short-term/long-term	800 N
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### Material specifications

Flammability rating according to UL 94	V0
Ferrule material	TPU
Outer sheath, material	TPU

### Connector

#### Connection 1

Locking type	Screw locking mechanism
Handle color	black
Insertion/withdrawal cycles	1000
Degree of protection	IP68 (IEC 60529)
	IP68
Ambient temperature (operation)	-40 °C ... 85 °C (IEC 61300-2-22)

#### Connection 2

Locking type	Screw locking mechanism
Handle color	black
Insertion/withdrawal cycles	1000
Degree of protection	IP68 (IEC 60529)
Ambient temperature (operation)	-40 °C ... 85 °C (IEC 61300-2-22)

### Cable/line

Cable length	10 m
Cable weight	26.00 kg/km
Cable type	Multimode fiberglass
Cable type	Zip cord, fiberglass
Outer sheath, material	TPU

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External sheath, color	black
Individual wire diameter	250 µm
Tensile strength short-term/long-term	800 N
Halogen-free	complying with IEC 60754-1/2

## FO cable

Number of fibers	12
Fiber	62.5/125 µm OM1
Fiber type	Multimode fiberglass 62.5/125 µm
Attenuation	typ. 0.2 dB
Transmission medium	Multi-mode fiberglass

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 85 °C (IEC 61300-2-22)
Shock	100g, according to IEC 61300-2-9

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## Classifications

### ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

### ETIM

ETIM 9.0	EC002607
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### UNSPSC

UNSPSC 21.0	43223300
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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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