

# FOC-OS4S-LCD2-GF01/1 - Distributor cable



1415231

<https://www.phoenixcontact.com/us/products/1415231>

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4-insert LC receptacles, type: circular connector, degree of protection: IP68, number of positions:  
4



## Product description

Robust 4-position LC receptacle, ODC-4 to ODC-4, threaded locking, degree of protection: IP68

## Your advantages

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

## Commercial data

Item number	1415231
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHAB
GTIN	4055626188737
Weight per piece (including packing)	81.2 g
Weight per piece (excluding packing)	65 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
No. of conductors	4

### Electrical properties

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

### Mechanical properties

Tensile strength short-term/long-term	30 N
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### Material specifications

Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Outer sheath, material	LSFH

### Connector

#### Connection 1

Locking type	Screw locking mechanism
Insertion/withdrawal cycles	1000
Degree of protection	IP68 (IEC 60529)
	IP68
Ambient temperature (operation)	-20 °C ... 70 °C (IEC 60794-1-2 F1)

#### Connection 2

Locking type	Push Pull
Material	Plastic
Degree of protection	IP20 (IEC 60529)

### Cable/line

Cable length	1 m
Cable weight	3.00 kg/km
Cable type	Multimode fiberglass
Cable type	Zip cord, fiberglass
Outer sheath, material	LSFH
External sheath, color	orange
Individual wire diameter	250 µm
Tensile strength short-term/long-term	30 N
Halogen-free	complying with IEC 60754-1/2

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## FO cable

Number of fibers	4
Fiber	62.5/125 µm OM1
Fiber type	Multimode fiberglass 62.5/125 µm
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

### ETIM

ETIM 9.0

EC002607

### 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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