

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 |
|---------------------------------------|------|

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 |
|---|--------------------|

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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