# FOC-17P4-17P4-GL01/170 - Connecting cable

1087142

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M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62. 5/125 µm OM1, with screw connection, length of FO cable: 170 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

## Your advantages

- The connector is small and compact, and it has a maximum outer diameter of 21 mm, which enables high-density installation
- Prefabricated FO connection assembly, no fusion splicing required on site, plug and play
- IP67 degree of protection, stainless steel housing, ambient temperature -40 °C ... +85 °C, suitable for industrial applications and harsh environments
- Armored fiber FO cable for indoor and outdoor applications, low smoke and free of halogen, standard length can be ordered from 10 m ... 200 m, customized length on request
- The connector has integrated protective cover, so that it can be used on site conveniently

## Commercial data

| | |
|---|---|
| Item number | 1087142 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB15 |
| Product key | ABNHBA |
| GTIN | 4055626883403 |
| Weight per piece (including packing) | 8,874 g |
| Weight per piece (excluding packing) | 8,874 g |
| Customs tariff number | 85447000 |
| Country of origin | CN |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Data cable preassembled |
| Number of positions | 4 |

## Electrical properties

| | |
|---|---|
| Transmission medium | Multi-mode fiberglass |

## Mechanical properties

| | |
|---|---|
| Tensile strength short-term/long-term | 1500 N / 800N |

## Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Ferrule material | Zirconia ceramics |
| Outer sheath, material | LSZH |

## Connector

### Connection 1

| | |
|---|---|
| Locking type | 17# thread type |
| Degree of protection | IP65/IP67 |

### Connection 2

| | |
|---|---|
| Material | Stainless steel |
| Degree of protection | IP65/IP67 |

## Cable/line

| | |
|---|---|
| Cable length | 170 m |
| Cable weight | 40.00 kg/km |
| Cable type | Multimode fiberglass |
| Cable type | Non-metal armored fiber optic cable for indoor/outdoor applications |
| External cable diameter | 7.5 mm |
| Outer sheath, material | LSZH |
| External sheath, color | black |
| Smallest bending radius, fixed installation | 80 mm |
| Tensile strength short-term/long-term | 1500 N / 800N |
| Lateral pressure, long-term | 300.00 N/cm |
| Halogen-free | according to IEC 60754-1 |

### FO cable

| | |
|---|---|
| Number of fibers | 4 |
| Fiber | 62.5/125 µm OM1 |
| Fiber type | Multimode fiberglass 62.5/125 µm |
| Attenuation | < 1.5 dB (1300 nm) |

| | |
|---|---|
| Transmission medium | Multi-mode fiberglass |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP65/IP67 |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Shock | 50g, in accordance with IEC 61300-2-9 |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1087142

**EAC**
Approval ID: 19060508

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27061003 |
| ECLASS-15.0 | 27061003 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002700 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 26121600 |

## 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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