

## Connecting cable - FOC-17P4-17P4-GL01/40 - 1087165

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

M17 series pre-assembled FO plug assembly: 4-pos. plug-plug, multi-mode fiberglass G62.5/125um OM1, with screw connection, length of FO cable: 40 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 to +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 to 200 m, customized length on request
- ✓ The connector has integrated protective cover, so that it can be used on site conveniently



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4055626883250 |

### Technical data

#### Cable type

|                    |   |
|--------------------|---|
| Cable type         | Multimode fiberglass  |
| Fixed cable length | 40 m  |
| Cable weight       | 40.00 kg/km   |
| Type of cable      | Non-metal armored fiber optic cable for indoor/outdoor applications |
| Attenuation        | < 1.5 dB (1300 nm)  |
|                    | < 3.5 dB (with 850 nm)  |
|                    | < 0.6 dB (Plug)   |
| Number of fibers   | 4   |
| Fiber              | 62.5/125 µm OM1   |
| Fiber type         | Multimode fiberglass 62.5/125 µm                                    |

# Connecting cable - FOC-17P4-17P4-GL01/40 - 1087165

## Technical data

### Cable type

|   |       |
|---|-------|
| Smallest bending radius, fixed installation | 80 mm |
|---|-------|

### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C |
|---------------------------------|------------------|

### External sheath

|                        |        |
|------------------------|--------|
| Outer sheath, material | LSZH   |
| External sheath, color | black  |
| External diameter      | 7.5 mm |

### Mechanical properties

|                                       |               |
|---------------------------------------|---------------|
| Lateral pressure, long-term           | 300.00 N/cm   |
| Tensile strength short-term/long-term | 1500 N / 800N |

### General

|                      |                   |
|----------------------|-------------------|
| Conductor length     | 40 m              |
| Cable weight         | 40.00 kg/km       |
| Degree of protection | IP65/IP67         |
| Ferrule material     | Zirconia ceramics |

### Behavior in fire

|              |                          |
|--------------|--------------------------|
| Halogen-free | according to IEC 60754-1 |
|--------------|--------------------------|

### Standards and Regulations

|  |                                       |
|--|---------------------------------------|
| Halogen-free                           | according to IEC 60754-1              |
| Flammability rating according to UL 94 | V0                                    |
| Shock                                  | 50g, in accordance with IEC 61300-2-9 |

### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50 years  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 17139201 |
| eCl@ss 9.0    | 17139201 |

## Accessories

### Accessories

Data cable preassembled

## Connecting cable - FOC-17P4-17P4-GL01/40 - 1087165

### Accessories

#### Connecting cable - FOC-17S4-LCD2-GF01/1 - 1087115



M17 series pre-assembled FO socket assembly: 4-position M17 socket, LC-Duplex on the other end, 1 m long, multi-mode fiberglass G62.5/125um OM1, IP67 degree of protection after being inserted, fixed installation for indoor use

#### Connecting cable - FOC-17S4-LCD2-GF01/2 - 1087114



M17 series pre-assembled FO socket assembly: 4-position M17 socket, LC-Duplex on the other end, 2 m long, multi-mode fiberglass G62.5/125 um OM1, IP67 degree of protection when inserted, fixed installation for indoor use

#### Connecting cable - FOC-17S4-ST:A4-GF01/1 - 1087108



M17 series pre-assembled FO socket assembly: 4-position M17 socket, ST on the other end, 1 m long, multi-mode fiberglass G62.5/125um OM1, IP67 degree of protection after being inserted, fixed installation for indoor use

#### Connecting cable - FOC-17S4-ST:A4-GF01/2 - 1087107



M17 series pre-assembled FO socket assembly: 4-position M17 socket, ST on the other end, 2 m long, multi-mode fiberglass G62.5/125um OM1, IP67 degree of protection after being inserted, fixed installation for indoor use

### Network distributor box

#### Patch panels - FOC-FR19:1U-17S4-LCD2-OM1 - 1087135



1U 19" pre-assembled fiber optic distribution box , M17 MPO series, for connecting M17 MPO plug assembly.

## Connecting cable - FOC-17P4-17P4-GL01/40 - 1087165

### Accessories

Patch panels - FOC-FR19:1U-217S4-LCD4-OM1 - 1087121

1U 19" pre-assembled fiber optic distribution box , M17 MPO series, for connecting M17 MPO plug assembly.



---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1087165](#)