

# FOC-17P12-17P12-GL02/10 - Connecting cable



1018526

<https://www.phoenixcontact.com/us/products/1018526>

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 documentation. Our general terms of use for downloads are valid.



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 µm OM1, with screw connection, length of FO cable: 10 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
- Fast mounting thanks to preassembled fiber-optic cable
- 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                          | 1018526       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB15          |
| Product key                          | ABNHBA        |
| GTIN                                 | 4067923242319 |
| Weight per piece (including packing) | 788 g         |
| Weight per piece (excluding packing) | 788 g         |
| Customs tariff number                | 85447000      |
| Country of origin                    | CN            |

# FOC-17P12-17P12-GL02/10 - Connecting cable



1018526

<https://www.phoenixcontact.com/us/products/1018526>

## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Number of positions | 12                      |

### 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                       | PPS  |
| Outer sheath, material                 | LSZH |

### Connector

#### Connection 1

|                      |                  |
|----------------------|------------------|
| Locking type         | 17# thread type  |
| Handle color         | black            |
| Degree of protection | IP67 (IEC 60529) |

#### Connection 2

|                      |                                |
|----------------------|--------------------------------|
| Locking type         | Screw locking mechanism        |
| Material             | Stainless steelStainless steel |
| Degree of protection | IP67 (IEC 60529)               |

### Cable/line

|   |   |
|---|---|
| Cable length                                | 10 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 | 12              |
| Fiber            | 62.5/125 µm OM1 |

# FOC-17P12-17P12-GL02/10 - Connecting cable



1018526

<https://www.phoenixcontact.com/us/products/1018526>

|                     |                                  |
|---------------------|----------------------------------|
| Fiber type          | Multimode fiberglass 62.5/125 µm |
| Attenuation         | ≤ 1.2 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                      |
| Ambient temperature (installation) | -40 °C ... 85 °C                      |
| Shock                              | 50g, in accordance with IEC 61300-2-9 |

# FOC-17P12-17P12-GL02/10 - Connecting cable



1018526

<https://www.phoenixcontact.com/us/products/1018526>

## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002607 |
|----------|----------|

### UNSPSC

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

# FOC-17P12-17P12-GL02/10 - Connecting cable



1018526

<https://www.phoenixcontact.com/us/products/1018526>

## 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% |
|-------------------------------------|----------------------------|

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)