

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



1018526

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

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M17 MPO series pre-assembled FO plug assembly: 12-pos. plug-plug, multi-mode fiberglass G62.5/125um 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 pre-assembled 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 | AB12 |
| Product Key | ABNHBA |
| GTIN | 4063151844837 |
| Weight per Piece (including packing) | 788 g |
| Weight per Piece (excluding packing) | 22.22 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 | 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 2

| | |
|----------|-----------------|
| Material | Stainless steel |
|----------|-----------------|

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 |
| 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

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27061803 |
| ECLASS-12.0 | 27061803 |
| ECLASS-13.0 | 27061803 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC000034 |
|----------|----------|

UNSPSC

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

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Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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Accessories

FOC-FR19:1U-17S12-LCD6-OM1 - Patch panels

1018568

<https://www.phoenixcontact.com/us/products/1018568>

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



FOC-FR19:1U-217S12-LCD12-OM1 - Patch panels

1018570

<https://www.phoenixcontact.com/us/products/1018570>

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



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