

# FOC-17P12-17P12-GL02/200 - Fiber optic cable



1018562

<https://www.phoenixcontact.com/us/products/1018562>

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Fiber optic cable, degree of protection: IP65/IP67, cable length: 200 m



## Your advantages

- The connector is small and compact, and it has a maximum outer diameter of 21 mm, which enables high-density installation
- 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                          | 1018562       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB15          |
| Product key                          | ABNHBA        |
| GTIN                                 | 4055626503479 |
| Weight per piece (including packing) | 10,972 g      |
| Weight per piece (excluding packing) | 10,972 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                       | MPO  |
| Outer sheath, material                 | LSZH |

### Connector

#### Connection 1

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

#### Connection 2

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

### Cable/line

|   |   |
|---|---|
| Cable length                                | 200 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   |
| Wire diameter incl. insulation              | 250 µm  |
| 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  |

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|                     |                                       |
|---------------------|---------------------------------------|
| Number of fibers    | 12                                    |
| Fiber               | 62.5/125 $\mu$ m OM1                  |
| Fiber type          | Multimode fiberglass 62.5/125 $\mu$ m |
| Attenuation         | $\leq 1.2$ 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                      |
| Shock                           | 50g, in accordance with IEC 61300-2-9 |

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## Classifications

### ECLASS

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

### ETIM

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

### 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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