

# FOC-17S12-LCD6-GF02/1 - Distributor cable



1018564  
<https://www.phoenixcontact.com/us/products/1018564>

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Distributor cable, degree of protection: IP20, cable length: 1 m

## Your advantages

- Compact design with MT ferrule
- Proven screw locking mechanism for reliable connection between the field and device side
- For extreme ambient conditions
- 1000 hours salt spray test
- Ideal for use under harsh conditions
- Fast mounting thanks to preassembled fiber-optic cable

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1018564       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB15          |
| Product key                          | ABNHBB        |
| GTIN                                 | 4055626503493 |
| Weight per piece (including packing) | 103 g         |
| Weight per piece (excluding packing) | 103 g         |
| Customs tariff number                | 85367000      |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Sensor type         | Ethernet                |
| Number of positions | 12                      |
| No. of conductors   | 12                      |

### Interfaces

|        |          |
|--------|----------|
| Signal | Ethernet |
|--------|----------|

### Electrical properties

|                     |                       |
|---------------------|-----------------------|
| Attenuation         | typ. 0.35 dB          |
| Transmission medium | Multi-mode fiberglass |

### Mechanical properties

|                                       |               |
|---------------------------------------|---------------|
| Tensile strength short-term/long-term | 500 N / 200 N |
|---------------------------------------|---------------|

### Material specifications

|                        |                   |
|------------------------|-------------------|
| Ferrule material       | Zirconia ceramics |
| Outer sheath, material | LSFH              |

### Connector

#### Connection 1

|                      |                         |
|----------------------|-------------------------|
| Locking type         | Screw locking mechanism |
| Material             | Stainless steel         |
| Degree of protection | IP68 (IEC 60529)        |

#### Connection 2

|                      |                  |
|----------------------|------------------|
| Locking type         | Push Pull        |
| Handle color         | beige            |
| Material             | Plastic          |
| Degree of protection | IP20 (IEC 60529) |

### Cable/line

|                                |                      |
|--------------------------------|----------------------|
| Cable length                   | 1 m                  |
| Cable weight                   | 8.30 kg/km           |
| Cable type                     | Multimode fiberglass |
| Cable type                     | Fan out              |
| Cable abbreviation             | 12-.../(ZN)H-...30   |
| External cable diameter        | 7 mm                 |
| Outer sheath, material         | LSFH                 |
| External sheath, color         | orange               |
| Wire diameter incl. insulation | 250 µm               |

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|                                       |                              |
|---------------------------------------|------------------------------|
| Tensile strength short-term/long-term | 500 N / 200 N                |
| Lateral pressure short term           | 500.00 N/cm                  |
| Lateral pressure, long-term           | 100.00 N/cm                  |
| Halogen-free                          | complying with IEC 60754-1/2 |

## FO cable

|                     |                                  |
|---------------------|----------------------------------|
| Number of fibers    | 12                               |
| Fiber               | 62.5/125 µm OM1                  |
| Fiber type          | Multimode fiberglass 62.5/125 µm |
| Transmission medium | Multi-mode fiberglass            |

## Environmental and real-life conditions

### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Ambient temperature (assembly)          | -10 °C ... 50 °C |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27060307 |
| ECLASS-15.0 | 27061004 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001855 |
|----------|----------|

### UNSPSC

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

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## 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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