

# FOC-PP-17S12-LCD6-OM1 - Distributor



1208052

<https://www.phoenixcontact.com/us/products/1208052>

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Distributor, design: Rail-mountable module, degree of protection: IP20, number of positions: 12, material: Metal, connection method: M17 circular connector, cable outlet: above and below, housing size: 1, color: gray, Ethernet

## Product description

FDX-20 series DIN rail distributor for Plug and Play connection, equipped with 6x LC Duplex couplings and 1x M17 MPO 12-pos. socket, socket attached on the underside (upon request, the socket can also be attached on the top). Housing (2-part) prepared for DIN rail mounting through the rear-side adapter (this can also be mounted on the side)

## Your advantages

- Intuitive front-panel operation and clear control cabinet layout thanks to uniform design
- Flexible DIN rail mounting possible in six positioning directions
- Suitable for industrial applications
- Reduced installation time with plug-and-play
- Pin assignment straight in line in a link
- Continuously reliable data connection, thanks to extensively tested components
- Snap-on mounting on standard DIN rails NS 35/7.5 or NS 35/15
- Transmission rate up to 1000 Mbps

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1208052       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB15          |
| Product key                          | ABNHBC        |
| GTIN                                 | 4063151275952 |
| Weight per piece (including packing) | 631 g         |
| Weight per piece (excluding packing) | 631 g         |
| Customs tariff number                | 85367000      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                        |                         |
|------------------------|-------------------------|
| Product type           | Network distributor box |
| Type                   | Rail-mountable module   |
| Sensor type            | Ethernet                |
| Number of positions    | 12                      |
| Connection profile     | LC-Duplex               |
| No. of conductors      | 12                      |
| Number of module slots | 6                       |
| Number of slots        | 12                      |
| Protective cover       | yes                     |
| Cable outlet           | above and below         |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 03 |
|------------------|----|

### Electrical properties

|                     |          |
|---------------------|----------|
| Attenuation         | ≤ 0.6 dB |
| Transmission medium | FO       |

### Connection data

#### Connection technology

|                   |                        |
|-------------------|------------------------|
| Connection method | M17 circular connector |
|-------------------|------------------------|

### Dimensions

|        |        |
|--------|--------|
| Width  | 40 mm  |
| Height | 130 mm |
| Depth  | 115 mm |

#### Housing

|               |       |
|---------------|-------|
| Housing width | 40 mm |
|---------------|-------|

#### Mechanical characteristics

|                  |         |
|------------------|---------|
| Ferrule diameter | 1.25 mm |
|------------------|---------|

### Material specifications

|                                        |                                     |
|----------------------------------------|-------------------------------------|
| Color                                  | gray                                |
| Flammability rating according to UL 94 | V0                                  |
| Ferrule material                       | PPS                                 |
| Housing material                       | Metal                               |
| Housing surface material               | Powder-coated, gray (metal housing) |

### Cable/line

|            |                      |
|------------|----------------------|
| Cable type | Multimode fiberglass |
|------------|----------------------|

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|                          |                      |
|--------------------------|----------------------|
| Cable type               | Fan out              |
| External cable diameter  | ≤ 12.00 mm (of 6 mm) |
|                          | 6 mm ... 12 mm       |
| Individual wire diameter | 2 mm                 |

## FO cable

|                     |                                  |
|---------------------|----------------------------------|
| Number of fibers    | 12                               |
| Fiber               | GOF                              |
| Fiber type          | Multimode fiberglass 62.5/125 µm |
| Transmission medium | FO                               |

## Characteristics

|             |          |
|-------------|----------|
| Attenuation | ≤ 0.6 dB |
|-------------|----------|

## Environmental and real-life conditions

## Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Ambient temperature (assembly)          | -5 °C ... 55 °C  |

## Mounting

|               |                                                    |
|---------------|----------------------------------------------------|
| Mounting type | DIN rail mounting                                  |
| Assembly note | Option for flexible replugging of DIN rail adapter |



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Classifications

ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 19170113 |
| ECLASS-12.0 | 19170113 |
| ECLASS-13.0 | 19170113 |

ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002699 |
|----------|----------|

UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43223300 |
|-------------|----------|

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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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## Accessories

### FOC-TOOL-FERRULECLEANER-MT - FO accessories

1111534

<https://www.phoenixcontact.com/us/products/1111534>



Ferrule cleaner, for cleaning of MT inserts, can be used for approx. 500 cleaning cycles

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

1018526

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



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

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## FOC-17P12-17P12-GL02/20 - Connecting cable

1019181

<https://www.phoenixcontact.com/us/products/1019181>



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: 20 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/30 - Connecting cable

1018528

<https://www.phoenixcontact.com/us/products/1018528>



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: 30 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/40 - Connecting cable

1018529

<https://www.phoenixcontact.com/us/products/1018529>



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: 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

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## FOC-17P12-17P12-GL02/50 - Connecting cable

1018530

<https://www.phoenixcontact.com/us/products/1018530>



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: 50 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/100 - Connecting cable

1018560

<https://www.phoenixcontact.com/us/products/1018560>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 100 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/160 - Connecting cable

1127001

<https://www.phoenixcontact.com/us/products/1127001>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 160 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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

1018562

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

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



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## FOC-MODUL:3U-17S12-LCD6-OM1 - Module

1018571

<https://www.phoenixcontact.com/us/products/1018571>



Preassembled fiber-optic distribution module (3 RU) , for connecting M17 MPO plug assembly, can be installed in a 19" fiber-optic distributor box (3 RU)

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## FOC-FR19:1U-17S12-LCD6-OM1 - Patch panel

1018568

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

Preassembled 19" fiber-optic distributor box (1 RU) , M17 MPO series, for connecting an M17 MPO plug assembly.



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## FOC-FR19:1U-217S12-LCD12-OM1 - Patch panel

1018570

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

Preassembled 19" fiber-optic distributor box (1 RU) , M17 MPO series, for connecting an M17 MPO plug assembly.



# FOC-PP-17S12-LCD6-OM1 - Distributor



1208052

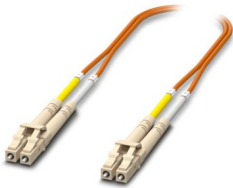
<https://www.phoenixcontact.com/us/products/1208052>

## FOC-LC:PA-LC:PA-OM1:D01/0.5 - FO patch cable

1144197

<https://www.phoenixcontact.com/us/products/1144197>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 0.5 m



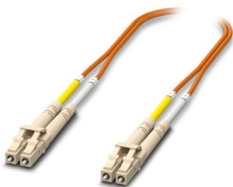
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## FOC-LC:PA-LC:PA-OM1:D01/1 - FO patch cable

1146497

<https://www.phoenixcontact.com/us/products/1146497>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 1 m



# FOC-PP-17S12-LCD6-OM1 - Distributor



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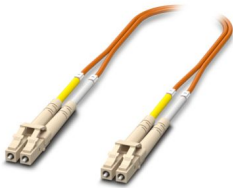
<https://www.phoenixcontact.com/us/products/1208052>

## FOC-LC:PA-LC:PA-OM1:D01/2 - FO patch cable

1146505

<https://www.phoenixcontact.com/us/products/1146505>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 2 m



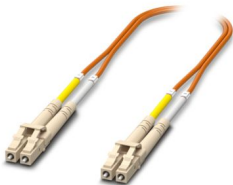
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## FOC-LC:PA-LC:PA-OM1:D01/3 - FO patch cable

1111843

<https://www.phoenixcontact.com/us/products/1111843>

FO patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 2, 40 Gbps, OM1



# FOC-PP-17S12-LCD6-OM1 - Distributor



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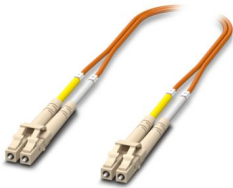
<https://www.phoenixcontact.com/us/products/1208052>

## FOC-LC:PA-LC:PA-OM1:D01/5 - FO patch cable

1146514

<https://www.phoenixcontact.com/us/products/1146514>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 5 m



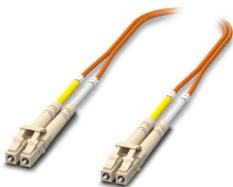
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## FOC-LC:PA-LC:PA-OM1:D01/10 - FO patch cable

1146520

<https://www.phoenixcontact.com/us/products/1146520>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 10 m



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## FOC-17P12-17P12-GL02/60 - Connecting cable

1018554

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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: 60 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/70 - Connecting cable

1018556

<https://www.phoenixcontact.com/us/products/1018556>



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: 70 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/80 - Connecting cable

1018557

<https://www.phoenixcontact.com/us/products/1018557>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 80 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/90 - Connecting cable

1018559

<https://www.phoenixcontact.com/us/products/1018559>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 90 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/110 - Connecting cable

1126995

<https://www.phoenixcontact.com/us/products/1126995>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 110 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/120 - Connecting cable

1127010

<https://www.phoenixcontact.com/us/products/1127010>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 120 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

# FOC-PP-17S12-LCD6-OM1 - Distributor



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## FOC-17P12-17P12-GL02/130 - Connecting cable

1127004

<https://www.phoenixcontact.com/us/products/1127004>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 130 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/140 - Connecting cable

1127003

<https://www.phoenixcontact.com/us/products/1127003>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 140 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

# FOC-PP-17S12-LCD6-OM1 - Distributor



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## FOC-17P12-17P12-GL02/150 - Connecting cable

1127002

<https://www.phoenixcontact.com/us/products/1127002>



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: 150 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/170 - Connecting cable

1127000

<https://www.phoenixcontact.com/us/products/1127000>



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: 170 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

# FOC-PP-17S12-LCD6-OM1 - Distributor



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## FOC-17P12-17P12-GL02/180 - Connecting cable

1150514

<https://www.phoenixcontact.com/us/products/1150514>



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: 180 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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## FOC-17P12-17P12-GL02/190 - Connecting cable

1150515

<https://www.phoenixcontact.com/us/products/1150515>



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: 190 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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