

# FOC-PP-17S4-LCD2-OM1 - Distributor



1208051  
<https://www.phoenixcontact.com/us/products/1208051>

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Distributor, design: Rail-mountable module, degree of protection: IP20, number of positions: 4, 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 2x LC Duplex couplings and 1x M17 4-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                          | 1208051       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB15          |
| Product key                          | ABNHBC        |
| GTIN                                 | 4063151276676 |
| Weight per piece (including packing) | 594 g         |
| Weight per piece (excluding packing) | 594 g         |
| Customs tariff number                | 85367000      |
| Country of origin                    | DE            |

## Technical data

### Product properties

|                        |                         |
|------------------------|-------------------------|
| Product type           | Network distributor box |
| Type                   | Rail-mountable module   |
| Sensor type            | Ethernet                |
| Number of positions    | 4                       |
| Connection profile     | LC-Duplex               |
| No. of conductors      | 4                       |
| Number of module slots | 2                       |
| Number of slots        | 4                       |
| 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                       | Zirconia ceramics                   |
| 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    | 4                                |
| 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)         | -40 °C ... 85 °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-1.25 - FO accessories

1407032

<https://www.phoenixcontact.com/us/products/1407032>

Ferrule cleaner, 1.25 mm, for LC, approx. 500 cleaning cycles



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### FOC-17P4-17P4-GL01/10 - Connecting cable

1087168

<https://www.phoenixcontact.com/us/products/1087168>

M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/20 - Connecting cable

1087167

<https://www.phoenixcontact.com/us/products/1087167>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/30 - Connecting cable

1087166

<https://www.phoenixcontact.com/us/products/1087166>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/40 - Connecting cable

1087165

<https://www.phoenixcontact.com/us/products/1087165>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/50 - Connecting cable

1087164

<https://www.phoenixcontact.com/us/products/1087164>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/100 - Connecting cable

1087158

<https://www.phoenixcontact.com/us/products/1087158>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/160 - Connecting cable

1087143

<https://www.phoenixcontact.com/us/products/1087143>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/200 - Connecting cable

1087138

<https://www.phoenixcontact.com/us/products/1087138>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  OM1, with screw connection, length of FO cable: 200 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-FR19:1U-17S4-LCD2-OM1 - Patch panel

1087135

<https://www.phoenixcontact.com/us/products/1087135>



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

## FOC-PP-17S4-LCD2-OM1 - Distributor

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## FOC-FR19:1U-217S4-LCD4-OM1 - Patch panel

1087121

<https://www.phoenixcontact.com/us/products/1087121>

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



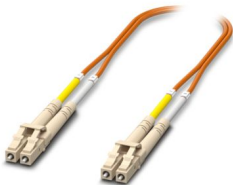
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## FOC-LC:PA-LC:PA-OM1:D01/0.5 - FO patch cable

1144197

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

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



# FOC-PP-17S4-LCD2-OM1 - Distributor



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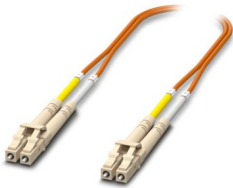
<https://www.phoenixcontact.com/us/products/1208051>

## 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



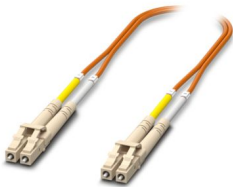
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## FOC-LC:PA-LC:PA-OM1:D01/2 - FO patch cable

1146505

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

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



# FOC-PP-17S4-LCD2-OM1 - Distributor



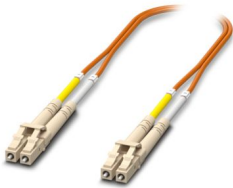
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## FOC-LC:PA-LC:PA-OM1:D01/3 - FO patch cable

1111843

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



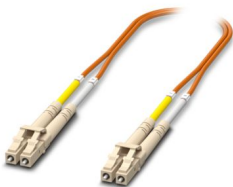
FO patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 2, 40 Gbps, OM1

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## 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

# FOC-PP-17S4-LCD2-OM1 - Distributor



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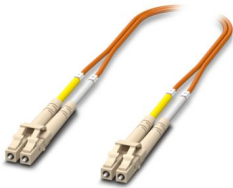
<https://www.phoenixcontact.com/us/products/1208051>

## 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-17P4-17P4-GL01/60 - Connecting cable

1087163

<https://www.phoenixcontact.com/us/products/1087163>

M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  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-17P4-17P4-GL01/70 - Connecting cable

1087162

<https://www.phoenixcontact.com/us/products/1087162>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  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-17P4-17P4-GL01/80 - Connecting cable

1087161

<https://www.phoenixcontact.com/us/products/1087161>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/90 - Connecting cable

1087160

<https://www.phoenixcontact.com/us/products/1087160>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/110 - Connecting cable

1087157

<https://www.phoenixcontact.com/us/products/1087157>



M17 series with preassembled FO plug assembly: 4-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-17P4-17P4-GL01/120 - Connecting cable

1087146

<https://www.phoenixcontact.com/us/products/1087146>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125 µm 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

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## FOC-17P4-17P4-GL01/130 - Connecting cable

1087145

<https://www.phoenixcontact.com/us/products/1087145>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125 µm 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-17P4-17P4-GL01/140 - Connecting cable

1087144

<https://www.phoenixcontact.com/us/products/1087144>



M17 series with preassembled FO plug assembly: 4-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

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## FOC-17P4-17P4-GL01/150 - Connecting cable

1087430

<https://www.phoenixcontact.com/us/products/1087430>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  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-17P4-17P4-GL01/170 - Connecting cable

1087142

<https://www.phoenixcontact.com/us/products/1087142>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  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

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## FOC-17P4-17P4-GL01/180 - Connecting cable

1087141

<https://www.phoenixcontact.com/us/products/1087141>



M17 series with preassembled FO plug assembly: 4-pos. plug-plug, multimode fiberglass G62.5/125  $\mu\text{m}$  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-17P4-17P4-GL01/190 - Connecting cable

1087139

<https://www.phoenixcontact.com/us/products/1087139>



M17 series with preassembled FO plug assembly: 4-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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