

FOC-LC:PA-LC:PA-OM3:D01/3 - FO patch cable



1185476

<https://www.phoenixcontact.com/us/products/1185476>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Multi-mode OM3 duplex jumper, LC-LC, UPC polishing, length 3 m



Your advantages

- Comprehensively tested according to IEC 61753-122-2 and IEC 61753-1 Cat. C
- Temperature change test in accordance with IEC 61300-2-1
- Vibration test according to IEC 61300-2-1
- Tensile strength of the cable connection according to IEC 61300-2-5
- Multimode patch cable with outstanding optical and mechanical properties for indoor installation
- Ideal for use in distributor systems and for connecting termination devices
- Fire protection with LSZH sheath and UL 94 V0 components
- Interferometer tests at every stage of the certification process
- Satisfies optical and mechanical industry standards
- Connector with UPC polishing for optimum attenuation values

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1185476 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | ABNIBC |
| GTIN | 4063151225810 |
| Weight per piece (including packing) | 35.6 g |
| Weight per piece (excluding packing) | 35.6 g |
| Country of origin | CN |

1185476

<https://www.phoenixcontact.com/us/products/1185476>

Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable preassembled |
| Number of positions | 2 |

Electrical properties

| | |
|---------------------|-----------------------|
| Transmission medium | Multi-mode fiberglass |
| Transmission speed | 10 Gbps |
| Transmission speed | 10 Gbps |

Mechanical properties

| | |
|---------------------------------------|------|
| Tensile strength short-term/long-term | 70 N |
|---------------------------------------|------|

Material specifications

| | |
|--|------|
| Flammability rating according to UL 94 | V0 |
| Outer sheath, material | LSZH |

Dimensions

External dimensions

| | |
|------------------------|------|
| External diameter min. | 2 mm |
| External diameter max. | 4 mm |

Connector

Connection 2

| | |
|----------------------|----------------|
| Type | Plug LC duplex |
| Degree of protection | IP20 |

Cable/line

| | |
|---|--|
| Cable length | 3.00 m |
| Cable weight | 5.30 kg/km |
| Cable type | Multimode fiberglass |
| Cable type | Non-metallic , thermoplastic low smoke halogen-free polyolefin |
| Cable abbreviation | I-V(ZN)H |
| Cable structure | Figure 8 cable |
| Outer sheath, material | LSZH |
| External sheath, color | aqua |
| Single wire, number of litz wires | 2 |
| Individual wire diameter | 900 µm |
| Bending radius, long-term | 50 mm |
| Bending radius short term/long term | 30 mm |
| Smallest bending radius, fixed installation | 30 mm |
| Smallest bending radius, movable installation | 7.5 mm |

FOC-LC:PA-LC:PA-OM3:D01/3 - FO patch cable



1185476

<https://www.phoenixcontact.com/us/products/1185476>

| | |
|---------------------------------------|---|
| Tensile strength short-term/long-term | 70 N |
| Lateral pressure, long-term | 100.00 N/cm |
| Halogen-free | complying with IEC 60754-1/2 |
| Resistance to oil | Not resistant to oil, gasoline, acids, and lyes |
| Concentration of fumes | in accordance with IEC 61034 |
| Flame resistance | yes |
| Behavior in fire | No corrosive or toxic fumes |

FO cable

| | |
|---------------------|--|
| Number of fibers | 2 |
| Fiber | 50/125 µm |
| Fiber type | Multimode fiberglass 50/125 µm |
| Cable, attenuation | 3.5 dB/km (850 nm) , 1.5 dB/km (1300 nm) |
| Attenuation | ≤ 3.5 dB/km (with 850 nm) |
| Transmission medium | Multi-mode fiberglass |

Standards and regulations

| | |
|------------------------|---|
| Behavior in fire | No corrosive or toxic fumes |
| Flame resistance | yes |
| Resistance to oil | Not resistant to oil, gasoline, acids, and lyes |
| Concentration of fumes | in accordance with IEC 61034 |

FOC-LC:PA-LC:PA-OM3:D01/3 - FO patch cable



1185476

<https://www.phoenixcontact.com/us/products/1185476>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1185476>



EAC

Approval ID: 19060508

1185476

<https://www.phoenixcontact.com/us/products/1185476>

Classifications

ECLASS

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

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002700 |
|-----------|----------|

UNSPSC

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

1185476

<https://www.phoenixcontact.com/us/products/1185476>

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% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com