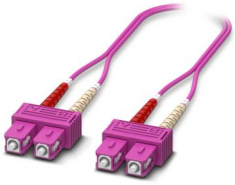
# FOC-SC:PA-SC:PA-OM4:D01/1 - FO patch cable

1115424

https://www.phoenixcontact.com/us/products/1115424

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 OM4 duplex jumper, SC-SC, UPC polishing, length 1 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 | 1115424 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB16 |
| Product key | ABNIBC |
| GTIN | 4063151038922 |
| Weight per piece (including packing) | 32.2 g |
| Weight per piece (excluding packing) | 32 g |
| Customs tariff number | 85447000 |
| Country of origin | CN |

# Technical data

## Product properties

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

## Electrical properties

| | |
|---|---|
| Transmission medium | FO |
| Transmission speed | 10 Gbps |

## Mechanical properties

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

### Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≥ 500 |

## Material specifications

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

## Dimensions

### External dimensions

| | |
|---|---|
| External diameter min. | 2.00 mm |
| External diameter max. | 4.00 mm |

## Connector

### Connection 1

| | |
|---|---|
| Type | Plug straight SC / IP20 |
| Degree of protection | IP20 |

### Connection 2

| | |
|---|---|
| Type | Plug straight SC / IP20 |
| Degree of protection | IP20 |

## Cable/line

| | |
|---|---|
| Cable length | 1 m |
| Cable weight | 5.3 kg/km |
| Cable type | FO duplex cable |
| Cable type | Zip cord |
| Cable abbreviation | I-V(ZN)H |
| External cable diameter | 2x 2.00 mm |
| Outer sheath, material | LSZH |
| External sheath, color | violet |
| Individual wire diameter | 900 µm |

| | |
|---|---|
| Bending radius, long-term | 50.00 mm |
| Smallest bending radius, fixed installation | 30 mm |
| Smallest bending radius, movable installation | 7.5 mm |
| 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

| | |
|---|---|
| Fiber | Fiberglass |
| Fiber type | Multimode fiberglass 50/125 µm |
| Attenuation | ≤ 3.5 dB/km (with 850 nm) |
| Transmission medium | Multi-mode fiberglass |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 60 °C |
| Ambient temperature (assembly) | -20 °C ... 60 °C |
| Resistance to oil | Not resistant to oil, gasoline, acids, and lyes |

## 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 |
| Standards/specifications | IEC 61300-3-4 |
| | RL: IEC 61300-3-6 |

## Classifications

### ECLASS

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

### ETIM

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

### 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 5.594 kg CO2e |

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