

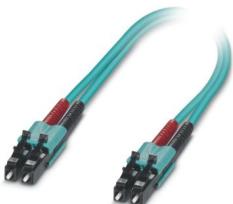
FOC-LC:A-LC:A-GZ02/2 - FO patch cable

1400621

<https://www.phoenixcontact.com/us/products/1400621>



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Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM3, plug: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 m

Your advantages

- Multi-mode patch cable for indoor installation
- All components satisfy UL 94, V0
- 2.8 mm single elements made from halogen-free and flame-retardant material
- Interferometer tests at every stage of the certification process
- Excellent mechanical and optical properties
- Satisfies optical and mechanical industry standards
- Connector with UPC polishing for optimum attenuation values
- Insertion loss ≤ 0.5 dB
- Return attenuation ≥ 35 dB

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1400621 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB16 |
| Product key | ABNIBC |
| GTIN | 4046356734769 |
| Weight per piece (including packing) | 43.2 g |
| Weight per piece (excluding packing) | 40.5 g |
| Customs tariff number | 85447000 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable preassembled |
| Number of positions | 2 |
| No. of conductors | 2 |

Electrical properties

| | |
|---------------------|-------------------------|
| Attenuation | ≤ 0.5 dB (with 850 nm) |
| | ≤ 0.5 dB (with 1300 nm) |
| Transmission medium | Multi-mode fiberglass |

Mechanical properties

| | |
|---------------------------------------|------|
| Tensile strength short-term/long-term | 50 N |
|---------------------------------------|------|

Mechanical data

| | |
|-------------------------|-------|
| Smallest bending radius | 30 mm |
|-------------------------|-------|

Material specifications

| | |
|--|-------------------|
| Color | blue |
| Flammability rating according to UL 94 | V0 |
| Ferrule material | Zirconia ceramics |

Dimensions

External dimensions

| | |
|------------------------|--------|
| External diameter min. | 2.8 mm |
| External diameter max. | 5.7 mm |

Mechanical characteristics

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

Connector

Connection 1

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

Connection 2

| | |
|------|------------------|
| Type | Plug straight LC |
|------|------------------|

Cable/line

| | |
|--------------|------------|
| Cable length | 2.00 m |
| Cable weight | 8.30 kg/km |
| Cable type | Fiberglass |
| Cable type | Zip cord |

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| | |
|---|---|
| External cable diameter | 2.00 mm (Zip cord) |
| Outer sheath, material | LSZH |
| External sheath, color | aqua |
| Wire diameter incl. insulation | 900 µm |
| Individual wire diameter | 900 µm (low-bend) |
| Single wire, color | - |
| Tensile strength short-term/long-term | 600 N |
| Smallest bending radius, fixed installation | 15 mm |
| Smallest bending radius, movable installation | 30 mm |
| Cable, attenuation | 2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm) |
| Halogen-free | complying with IEC 60754-1/2 |
| Flame resistance | yes |

FO cable

| | |
|---------------------|---|
| Number of fibers | 2 |
| Fiber | 50/125 µm |
| Fiber type | Multimode fiberglass 50/125 µm |
| Cable, attenuation | 2.5 dB/km (at 850 nm), 0.7 dB/km (at 1300 nm) |
| Transmission medium | Multi-mode fiberglass |

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -10 °C ... 60 °C |
| Ambient temperature (storage/transport) | -10 °C ... 60 °C |
| Ambient temperature (assembly) | -5 °C ... 50 °C |
| Ambient temperature (installation) | -5 °C ... 50 °C |

Standards and regulations

| | |
|------------------|-----|
| Flame resistance | yes |
|------------------|-----|

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Classifications

UNSPSC

UNSPSC 21.0

26121607

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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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