

# FOC-SC:A-SC:A-GZ01/... - FO patch cable

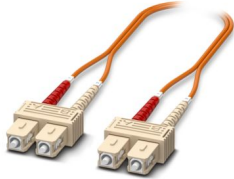


1405697

<https://www.phoenixcontact.com/us/products/1405697>

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.

Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: SC duplex/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets



## Your advantages

- 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            | 1405697                        |
| Packing unit           | 1 pc                           |
| Minimum order quantity | 1 pc                           |
| Note                   | Made to order (non-returnable) |
| Sales key              | AB50                           |
| Product key            | ABNIBC                         |
| Customs tariff number  | 85447000                       |
| Country of origin      | DE                             |

1405697

<https://www.phoenixcontact.com/us/products/1405697>

## Technical data

### Product properties

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

### Electrical properties

|                     |                       |
|---------------------|-----------------------|
| Transmission medium | Multi-mode fiberglass |
| Transmission speed  | 1 Gbps                |
| Transmission speed  | 1 Gbps                |

### Mechanical properties

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

### Material specifications

|  |                   |
|--|-------------------|
| Color                                  | orange            |
| Flammability rating according to UL 94 | V0                |
| Ferrule material                       | Zirconia ceramics |
| Housing material                       | Plastic           |
| Outer sheath, material                 | FRNC              |

### Dimensions

#### External dimensions

|                        |        |
|------------------------|--------|
| External diameter min. | 2 mm   |
| External diameter max. | 4.2 mm |

#### Mechanical characteristics

|                  |         |
|------------------|---------|
| Ferrule diameter | 2.50 mm |
|------------------|---------|

### Connector

#### Connection 1

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

#### Connection 2

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

### Cable/line

|              |            |
|--------------|------------|
| Cable weight | 8.30 kg/km |
| Cable type   | Fiberglass |

# FOC-SC:A-SC:A-GZ01/... - FO patch cable



1405697

<https://www.phoenixcontact.com/us/products/1405697>

|   |   |
|---|---|
| Cable type                                    | Zip cord                                      |
| External cable diameter                       | 2.00 mm (Zip cord)                            |
| Outer sheath, material                        | LSZH  |
| External sheath, color                        | orange  |
| Wire diameter incl. insulation                | 900 µm  |
| Individual wire diameter                      | 900 µm  |
| Single wire, color                            | -   |
| Tensile strength short-term/long-term         | 600 N   |
| Smallest bending radius, fixed installation   | 30 mm   |
| Smallest bending radius, movable installation | 60 mm   |
| Cable, attenuation                            | 2.7 dB/km (at 850 nm); 0.8 dB/km (at 1300 nm) |
| Halogen-free                                  | complying with IEC 60754-1/2                  |
| Flame resistance                              | yes   |

## FO cable

|                  |           |
|------------------|-----------|
| Number of fibers | 2         |
| Fiber type       | Multimode |

## Standards and regulations

|                   |     |
|-------------------|-----|
| Flame resistance  | yes |
| Resistance to oil | no  |

1405697

<https://www.phoenixcontact.com/us/products/1405697>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# FOC-SC:A-SC:A-GZ01/... - FO patch cable



1405697

<https://www.phoenixcontact.com/us/products/1405697>

## 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](mailto:info@phoenixcon.com)