# FOC-ADAPTER:STD/STD-SM - Fiber optic coupling

1208095

https://www.phoenixcontact.com/us/products/1208095

**PHŒNIX CONTACT**

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Fiber optic coupling, degree of protection: IP20, number of positions: 2, material: Metal, connection method: Coupling, cable outlet: straight, color: silver/matt

## Your advantages

- High reliability with comprehensive quality assurance measures
- Optimized precision (stability) with the use of ceramic sleeves
- Versatile range of applications with an extended temperature range and various mounting options
- Optimum compatibility with the FDX20 series splice boxes
- Future-proof with RoHS 2 conformity

## Commercial data

| | |
|---|---|
| Item number | 1208095 |
| Packing unit | 1 pc |
| Minimum order quantity | 6 pc |
| Sales key | AB16 |
| Product key | ABNIDA |
| GTIN | 4063151275969 |
| Weight per piece (including packing) | 15 g |
| Weight per piece (excluding packing) | 15 g |
| Customs tariff number | 85367000 |
| Country of origin | CN |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Female insert |
| Number of positions | 2 |
| Connection profile | B-FOC (ST®) |
| Number of slots | 2 |
| Cable outlet | straight |

#### Insulation characteristics

| | |
|---|---|
| Overvoltage category | III |
| Degree of pollution | 2 |

### Electrical properties

| | |
|---|---|
| Rated surge voltage | 0.8 kV |
| Nominal current $I_N$ | 0.5 A |
| Transmission medium | FO |

### Connection data

#### Connection technology

| | |
|---|---|
| Connection method | Coupling |

### Dimensions

| | |
|---|---|
| Width | 34.7 mm |
| Height | 9.4 mm |
| Length | 29.7 mm |

#### Mechanical characteristics

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

### Material specifications

| | |
|---|---|
| Color | silver/matt |
| Color of the housing part | silver |
| Flammability rating according to UL 94 | V0 |
| Housing surface material | metal-plated |
| Contact surface material | Gold |
| Housing material | Metal |

### Cable/line

| | |
|---|---|
| Cable type | Fiberglass |
| External sheath, color | silver-colored |
| Tensile strength short-term/long-term | 40 N |
| Halogen-free | yes |
| Resistance to oil | yes |

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

| FO cable | |
|---|---|
| Number of fibers | 2 |
| Fiber | 9/125 µm |
| Fiber type | Singlemode |
| Attenuation | ≤ 0.35 dB |

## Mechanical properties

| Tensile strength short-term/long-term | 40 N |
|---|---|

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

## Environmental and real-life conditions

| Ambient conditions | |
|---|---|
| Degree of protection | IP20 |
| | IP20 |
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -5 °C ... 55 °C |
| Resistance to UV radiation | no |
| Resistance to oil | yes |

## Standards and regulations

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

## Mounting

| Connection method | Coupling |
|---|---|

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1208095

| | EAC |
|---|---|
| | Approval ID: B.01687 |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27440390 |
| ECLASS-13.0 | 27440390 |
| ECLASS-12.0 | 27440390 |

### ETIM

| | |
|---|---|
| ETIM 8.0 | EC001121 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

## Environmental product compliance

| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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