

1208094

<https://www.phoenixcontact.com/us/products/1208094>

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



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
- Suitable for use for all multimode classes
- Optimum compatibility with the FDX20 series splice boxes
- Future-proof, thanks to RoHS 2 conformity

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1208094       |
| Packing unit                         | 6 pc          |
| Minimum order quantity               | 6 pc          |
| Sales key                            | AB16          |
| Product key                          | ABNIDA        |
| GTIN                                 | 4063151275266 |
| Weight per piece (including packing) | 14.916 g      |
| Weight per piece (excluding packing) | 14.916 g      |
| Customs tariff number                | 85367000      |
| Country of origin                    | CN            |

# FOC-ADAPTER:STD/STD-MM - FO coupling



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## Technical data

### Product properties

|                     |             |
|---------------------|-------------|
| Product type        | Data plug   |
| Sensor type         | Ethernet    |
| 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 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 material                       | Metal        |
| Housing surface material               | metal-plated |
| Contact surface material               | Gold         |

### 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            |

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## FO cable

|                  |           |
|------------------|-----------|
| Number of fibers | 2         |
| Fiber            | 50/125 µm |
| Fiber type       | Multimode |
| Attenuation      | ≤ 0.35 dB |

## Mechanical properties

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

## 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              | yes              |
| Resistance to oil                       | yes              |

## Standards and regulations

|                   |     |
|-------------------|-----|
| Flame resistance  | yes |
| Resistance to oil | yes |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 19170116 |
| ECLASS-15.0 | 19170116 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000752 |
|----------|----------|

### UNSPSC

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

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