

FOC-ADAPTER:ST/ST-MM - FO coupling



1208099

<https://www.phoenixcontact.com/us/products/1208099>

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FO coupling, degree of protection: IP20, number of positions: 1, 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
- Future-proof, thanks to RoHS 2 conformity

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1208099 |
| Packing unit | 2 pc |
| Minimum order quantity | 2 pc |
| Sales key | AB16 |
| Product key | ABNIDA |
| GTIN | 4063151277215 |
| Weight per piece (including packing) | 10.1 g |
| Weight per piece (excluding packing) | 10.1 g |
| Customs tariff number | 85367000 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|---------------------|-------------|
| Product type | Data plug |
| Sensor type | Ethernet |
| Number of positions | 1 |
| Connection profile | B-FOC (ST®) |
| Number of slots | 1 |
| 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 | 14.7 mm |
| Height | 14.7 mm |
| Length | 29.3 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 |
| Flame resistance | yes |

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FO cable

| | |
|------------------|-----------|
| Number of fibers | 1 |
| 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 |

Standards and regulations

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

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Classifications

ECLASS

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

ETIM

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