

FOC-V14-C1ZNI-S/SJFP - FO connectors



1407896

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FO connectors, degree of protection: IP65/IP67, number of positions: 2, MM, material: Metal, cable outlet: straight

Your advantages

- Push-pull ADVANCE connector
- Locking system to prevent inadvertent release
- Highest ESD and EMC resistance for reliable transmission
- Protected data transmission thanks to 360° shielding concept

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1407896 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB17 |
| Product key | ABNOBA |
| GTIN | 4046356781992 |
| Weight per piece (including packing) | 99.5 g |
| Weight per piece (excluding packing) | 87.019 g |
| Customs tariff number | 85367000 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|---------------------|-----------------------------|
| Product type | Data connector (cable side) |
| Type | SC-RJ |
| Number of positions | 2 |
| Connection profile | SCRJ |
| Cable outlet | straight |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 3 |

Electrical properties

| | |
|---|---|
| Attenuation | ≤ 1.5 dB (in accordance with ISO/IEC 24702) |
| Transmission medium | FO |
| Transmission characteristics (category) | MM |

Dimensions

| | |
|--------|-------|
| Width | 22 mm |
| Height | 50 mm |
| Length | 80 mm |

Material specifications

| | |
|--|---------------|
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Ferrule material | Copper alloy |
| Housing material | Metal |
| Housing surface material | nickel-plated |

Cable/line

| | |
|-------------------------|------------------|
| Cable type | Plastic fiber |
| External cable diameter | 5.5 mm ... 10 mm |
| External cable diameter | 5.5 mm ... 10 mm |
| Resistance to oil | yes |
| Flame resistance | yes |

FO cable

| | |
|------------------|-------------|
| Number of fibers | 2 |
| Fiber | 980/1000 μm |
| Fiber type | POF |

Mechanical properties

Mechanical data

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| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 100 |
|-----------------------------|-------|

Characteristics

| | |
|-------------|---|
| Attenuation | ≤ 1.5 dB (in accordance with ISO/IEC 24702) |
|-------------|---|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP65/IP67 |
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -10 °C ... 40 °C |
| Resistance to oil | yes |

Standards and regulations

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

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Approvals

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UL Listed

Approval ID: E308814-20180830

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440290 |
| ECLASS-15.0 | 27440116 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002635 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 43223300 |
|-------------|----------|

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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