# FOC-ADAPTER:LCD/LCD-OSP - FO coupling

1208073

https://www.phoenixcontact.com/us/products/1208073

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.



FO coupling, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight, color: blue

## 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, thanks to RoHS 2 conformity

## Commercial data

| | |
|---|---|
| Item number | 1208073 |
| Packing unit | 6 pc |
| Minimum order quantity | 6 pc |
| Sales key | AB16 |
| Product key | ABNIDA |
| GTIN | 4063151277109 |
| Weight per piece (including packing) | 5 g |
| Weight per piece (excluding packing) | 5 g |
| Customs tariff number | 85367000 |
| Country of origin | CN |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Data plug |
| Type | LC |
| Number of positions | 2 |
| Connection profile | LC |
| Number of slots | 2 |
| Cable outlet | straight |

Insulation characteristics

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

### Electrical properties

| | |
|---|---|
| Rated surge voltage | 0.8 kV |
| Attenuation | ≤ 0.2 dB |
| Nominal current $I_N$ | 0.5 A |
| Transmission medium | FO |

### Connection data

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

### Dimensions

| | |
|---|---|
| Width | 22 mm |
| Height | 9.4 mm |
| Length | 29.2 mm |

Mechanical characteristics

| | |
|---|---|
| Ferrule diameter | 1.25 mm |

### Material specifications

| | |
|---|---|
| Color | blue |
| Color of the housing part | blue |
| Flammability rating according to UL 94 | V0 |
| Housing material | Plastic |
| Contact material | Copper alloy |

### Cable/line

| | |
|---|---|
| Cable type | Fiberglass |
| External sheath, color | beige |
| Tensile strength short-term/long-term | 40 N |
| Flame resistance | yes |

FO cable

| | |
|---|---|
| Number of fibers | 2 |
| Fiber | 9/125 µm |
| Fiber type | Fiberglass |

## Mechanical properties

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

## Characteristics

| | |
|---|---|
| Attenuation | ≤ 0.2 dB |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| | IP20 |
| Ambient temperature (operation) | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | 0 °C ... 50 °C |
| Resistance to UV radiation | no |

## Standards and regulations

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

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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 2025 © - 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