# FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box

1145389

https://www.phoenixcontact.com/us/products/1145389

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Splice box, 19" rack patch module, connection method: Splicing, material: Metal, degree of protection: IP20, housing size: 1, color: gray



## Product description

FDX 20 series 19" splice boxes, 1 RU, with removable drawer, for 24x ST duplex OM1, metal, completely ready to splice (correctly pre-mounted: 24 ST duplex couplings, 24 filler plugs, 48 pigtails, 4 cassettes, 4 combs, 1 cassette cover).
4 cable entries (rear) incl. 2 Pg16 cable glands, 2 sealing caps, and 19" mounting set.

## Your advantages

- Intuitive front-panel operation and clear control cabinet layout thanks to uniform design
- For easy field connection
- Suitable for industrial applications
- Exceptional fiber quality for reliable data transmission
- Continuously reliable data connection, thanks to extensively tested components

## Commercial data

| | |
|---|---|
| Item number | 1145389 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB15 |
| Product key | ABNGBA |
| GTIN | 4063151135645 |
| Weight per piece (including packing) | 3,344 g |
| Weight per piece (excluding packing) | 3,274.51 g |
| Customs tariff number | 85367000 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Network distributor box |
| Series | FDX 20 series |
| Type | 19" rack patch module |
| Connection profile | ST-Duplex |
| No. of cable outlets | 4 |
| No. of conductors | 48 |
| Number of module slots | 24 |
| Number of slots | 48 |
| Type of the screw connection | 2x Pg16 |
| Protective cover | yes |

## Electrical properties

| | |
|---|---|
| Attenuation | ≤ 0.3 dB |
| Transmission medium | FO |

## Connection data

### Connection technology

| | |
|---|---|
| Connection method | Splicing |

## Dimensions

| | |
|---|---|
| Width | 480 mm |
| Height | 44.45 mm |
| Depth | 280 mm |

### Mechanical characteristics

| | |
|---|---|
| Ferrule diameter | 2.5 mm |

## Material specifications

| | |
|---|---|
| Color | gray |
| Flammability rating according to UL 94 | V0 |
| Ferrule material | Zirconia ceramics |
| Housing material | Metal |
| Housing surface material | Powder-coated, gray |

## Cable/line

| | |
|---|---|
| Cable type | Fiberglass |
| Cable type | Loose Tube |
| Cable structure | semi-loose compact wires (STB) |
| External cable diameter | ≤ 12.00 mm (of 6 mm) |
| | 6 mm ... 12 mm |
| Wire diameter incl. insulation | 900 µm |

| | |
|---|---|
| Individual wire diameter | 900 µm |
| Single wire, color | color coded |
| Whip length | 750 mm |
| Halogen-free | yes |
| Flame resistance | yes |

FO cable

| | |
|---|---|
| Number of fibers | 48 |
| Fiber | GOF |
| Fiber type | Multimode fiberglass 62.5/125 µm |
| Attenuation | ≤ 0.3 dB (at 850 nm / 1300 nm) |
| Return Loss | ≥ 35 dB (at 850 nm / 1300 nm) |
| Transmission medium | FO |

## Mechanical properties

Mechanical data

| | |
|---|---|
| Type of the screw connection | 2x Pg16 |
| Insertion/withdrawal cycles | ≥ 500 |
| Smallest bending radius | 30 mm |

## Characteristics

| | |
|---|---|
| Attenuation | ≤ 0.3 dB |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | 0 °C ... 50 °C |
| Resistance to UV radiation | yes |

## Standards and regulations

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

## Mounting

| | |
|---|---|
| Mounting type | 19" rack mounting |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 19170113 |
| ECLASS-15.0 | 19170113 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002699 |

### UNSPSC

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

## 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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