# FOC-SB-FR19:1U-LCD24-OS2 BK - Splice box

1080812

https://www.phoenixcontact.com/us/products/1080812

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Splice box, 19" rack patch module, Ethernet, connection method: Splicing, material: Metal, degree of protection: IP20, color: black



The figure shows the version in gray

## Product description

19" FDX 20 series splice boxes, 1 RU, with removable drawer, for 24x LC duplex OS2, black, completely ready to splice (correctly pre-mounted: 24 couplings, 48 pigtails, 4 cassettes, 4 combs, 1 cassette cover).

## Your advantages

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

## Commercial data

| | |
|---|---|
| Item number | 1080812 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | ABNGBA |
| GTIN | 4055626805566 |
| Weight per piece (including packing) | 2,873.9 g |
| Weight per piece (excluding packing) | 2,873.9 g |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Network distributor box |
| Housing type | Component housing |
| Series | FDX 20 series |
| Type | 19" rack patch module |
| Connection profile | LC-Duplex |
| No. of cable outlets | 4 |
| No. of conductors | 48 |
| Number of module slots | 24 |
| Number of slots | 48 |
| Protective cover | yes |

## Electrical properties

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

## Connection data

### Connection technology

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

## Interfaces

| | |
|---|---|
| Signal type/category | Ethernet |

## Dimensions

| | |
|---|---|
| Width | 483 mm |
| Height | 44.45 mm |
| Depth | 241.5 mm |

### Mechanical characteristics

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

## Material specifications

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

## Cable/line

| | |
|---|---|
| Cable type | Fiberglass |
| Cable type | Loose Tube |
| Cable structure | semi-loose compact wires (STB) |

| | |
|---|---|
| External cable diameter | 6 mm ... 12 mm |
| Individual wire diameter | 900 µm (250/900 µm) |
| Single wire, color | color coded |

FO cable

| | |
|---|---|
| Number of fibers | 48 |
| Fiber | GOF |
| Fiber type | Single mode fiberglass, 9/125 µm |
| Attenuation | ≤ 0.3 dB (at 1310 nm / 1550 nm) |
| Return Loss | ≥ 50 dB (at 1310 nm / 1550 nm) |
| Transmission medium | FO |

## Mechanical properties

Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | min. 1000 |
| Smallest bending radius | 30 mm |

## Characteristics

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

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |

## 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 28.208 kg CO2e |


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