

FOC-FDX20-FR19-LCD24-OSP-PT9 - Splice box



1145409

<https://www.phoenixcontact.com/us/products/1145409>

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.

Splice box, design: 1RU, degree of protection: IP20, material: Metal, connection method: Splicing, housing size: 1, color: gray



19" splice box LCD24

Product description

FDX 20 series 19" splice boxes, 1 RU, with removable drawer, for 24x LC duplex OS2, blue, completely ready to splice (correctly pre-mounted: 24 LC duplex couplings, 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
- Exceptional fiber quality for reliable data transmission
- Continuously reliable data connection, thanks to extensively tested components

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1145409 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB15 |
| Product key | ABNGBA |
| GTIN | 4063151135454 |
| Weight per piece (including packing) | 2,981 g |
| Weight per piece (excluding packing) | 2,980.21 g |
| Customs tariff number | 85367000 |
| Country of origin | DE |

FOC-FDX20-FR19-LCD24-OSP-PT9 - Splice box



1145409

<https://www.phoenixcontact.com/us/products/1145409>

Technical data

Product properties

| | |
|------------------------------|-------------------------|
| Product type | Network distributor box |
| 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 |
| 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 | 483 mm |
| Height | 44.45 mm |
| Depth | 280 mm |

Mechanical characteristics

| | |
|------------------|---------|
| Ferrule diameter | 1.25 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 | 6 mm ... 12 mm |
| Individual wire diameter | 900 µm |
| Single wire, color | color coded |

FOC-FDX20-FR19-LCD24-OSP-PT9 - Splice box



1145409

<https://www.phoenixcontact.com/us/products/1145409>

| | |
|------------------|--------|
| Whip length | 750 mm |
| Halogen-free | yes |
| Flame resistance | yes |

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

| | |
|------------------------------|---------|
| 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 |
|---------------|-------------------|

1145409

<https://www.phoenixcontact.com/us/products/1145409>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

FOC-FDX20-FR19-LCD24-OSP-PT9 - Splice box



1145409

<https://www.phoenixcontact.com/us/products/1145409>

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 2026 © - 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