

FOC-SB-FRAME-19-LC:12-OM4 BK - Splice box



1418817

<https://www.phoenixcontact.com/us/products/1418817>

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: 19" rack patch module, degree of protection: IP20, material: Sheet steel, connection method: Splicing, housing size: 1, color: jet black RAL 9005, Ethernet



19" splice box, black, 12 x LC duplex OM4

Product description

19" FDX 20 series splice boxes, 1 RU, with removable drawer, for 12x LC duplex OM4, black, completely ready to splice (correctly pre-mounted: 12 ceramic couplings, 12 filler plugs, 24 pigtails, 2 cassettes, 4 combs, 1 cassette cover, and 24x shrink splice protectors). 4 cable entries (rear) incl. 2 M20 cable glands, measurement protocol and 19" mounting set.

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1418817 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB15 |
| Product key | ABNGBA |
| GTIN | 4055626167862 |
| Weight per piece (including packing) | 4,070.7 g |
| Weight per piece (excluding packing) | 4,070.7 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

1418817

<https://www.phoenixcontact.com/us/products/1418817>

Technical data

Product properties

| | |
|------------------------|-------------------------|
| Product type | Network distributor box |
| Housing type | Component housing |
| Type | 1RU |
| Sensor type | Ethernet |
| Connection profile | LC connectors |
| No. of cable outlets | 2 |
| No. of conductors | 24 |
| Number of module slots | 12 |
| Number of slots | 24 |
| Protective cover | yes |

Electrical properties

| | |
|-------------|---------------|
| Attenuation | ≥ 0.3 dB |
|-------------|---------------|

Connection data

Connection technology

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

Dimensions

| | |
|---------------------------------|----------|
| Dimensional drawing | |
| Width | 483 mm |
| Height | 43.8 mm |
| Depth | 329 mm |
| Drill hole distance, horizontal | 31.75 mm |

Housing

| | |
|---------------|--------|
| Housing width | 441 mm |
|---------------|--------|

Mechanical characteristics

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

Material specifications

| | |
|--|--------------------|
| Color | jet black RAL 9005 |
| Flammability rating according to UL 94 | V0 |
| Ferrule material | Zirconia ceramics |

FOC-SB-FRAME-19-LC:12-OM4 BK - Splice box



1418817

<https://www.phoenixcontact.com/us/products/1418817>

| | |
|--------------------------|----------------------|
| Housing material | Sheet steel |
| Housing surface material | Powder-coated, black |

Cable/line

| | |
|--------------------------|--------------------------------|
| Cable type | Fiberglass |
| Cable type | for all common cable types |
| Cable structure | semi-loose compact wires (STB) |
| Individual wire diameter | 900 µm (250/900 µm) |
| Single wire, color | color coded |
| Whip length | 750 mm |

FO cable

| | |
|---------------------|--------------------------------|
| Number of fibers | 24 |
| Fiber | GOF |
| Fiber type | Multimode fiberglass 50/125 µm |
| Attenuation | ≤ 0.3 dBc (with 850 nm) |
| Transmission medium | FO |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-----------|
| Insertion/withdrawal cycles | min. 1000 |
|-----------------------------|-----------|

Characteristics

| | |
|-------------|----------|
| Attenuation | ≥ 0.3 dB |
|-------------|----------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| | IP20 |
| Ambient temperature (operation) | -10 °C ... 60 °C |

Mounting

| | |
|---------------|----------------|
| Mounting type | Screw mounting |
|---------------|----------------|

FOC-SB-FRAME-19-LC:12-OM4 BK - Splice box

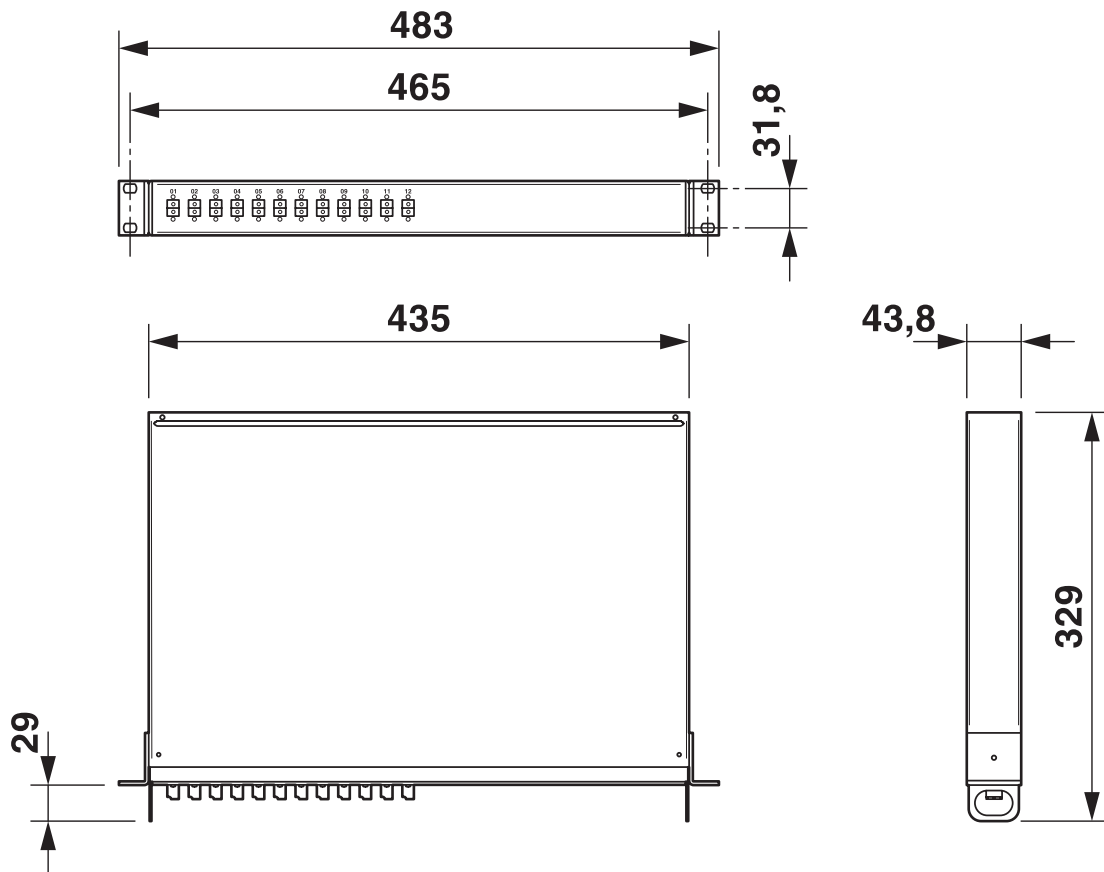


1418817

<https://www.phoenixcontact.com/us/products/1418817>

Drawings

Dimensional drawing



FOC-SB-FRAME-19-LC:12-OM4 BK - Splice box



1418817

<https://www.phoenixcontact.com/us/products/1418817>

Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121421 |
|-------------|----------|

1418817

<https://www.phoenixcontact.com/us/products/1418817>

Environmental product compliance

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