

# FOC-SB-FRAME-19-LC:24-OM2 GY - Splice box



1418816

<https://www.phoenixcontact.com/us/products/1418816>

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Splice box, design: 19" rack patch module, degree of protection: IP20, material: Sheet steel, connection method: Splicing, color: light gray RAL 7035, Ethernet



19" splice box, gray, 24 x LC duplex OM2

## Product description

19" FDX 20 series splice boxes, 1 RU, with removable drawer, for 24x LC duplex OM2, gray, completely ready to splice (correctly pre-mounted: 24 ceramic couplings, 48 pigtails, 4 cassettes, 8 combs, 1 cassette cover, and 48x shrink splice protectors). 4 cable entries (rear) incl. 4 M20 cable glands, measurement protocol and 19" mounting set.

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1418816                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AB15                           |
| Product key                          | ABNGBA                         |
| GTIN                                 | 4055626151700                  |
| Weight per piece (including packing) | 4,221 g                        |
| Weight per piece (excluding packing) | 4,221 g                        |
| Customs tariff number                | 85389099                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                        |                         |
|------------------------|-------------------------|
| Product type           | Network distributor box |
| Housing type           | Component housing       |
| Type                   | 1RU                     |
| Connection profile     | LC connectors           |
| No. of cable outlets   | 4                       |
| No. of conductors      | 48                      |
| Number of module slots | 24                      |
| Number of slots        | 48                      |
| Protective cover       | yes                     |

### Electrical properties

|             |               |
|-------------|---------------|
| Attenuation | $\geq 0.3$ dB |
|-------------|---------------|

### Connection data

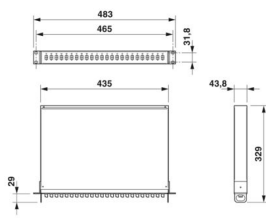
#### Connection technology

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

### Interfaces

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

### 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 | light gray RAL 7035 |
|-------|---------------------|

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

## Cable/line

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

## FO cable

|                     |                                |
|---------------------|--------------------------------|
| Number of fibers    | 48                             |
| 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 |
|---------------|----------------|

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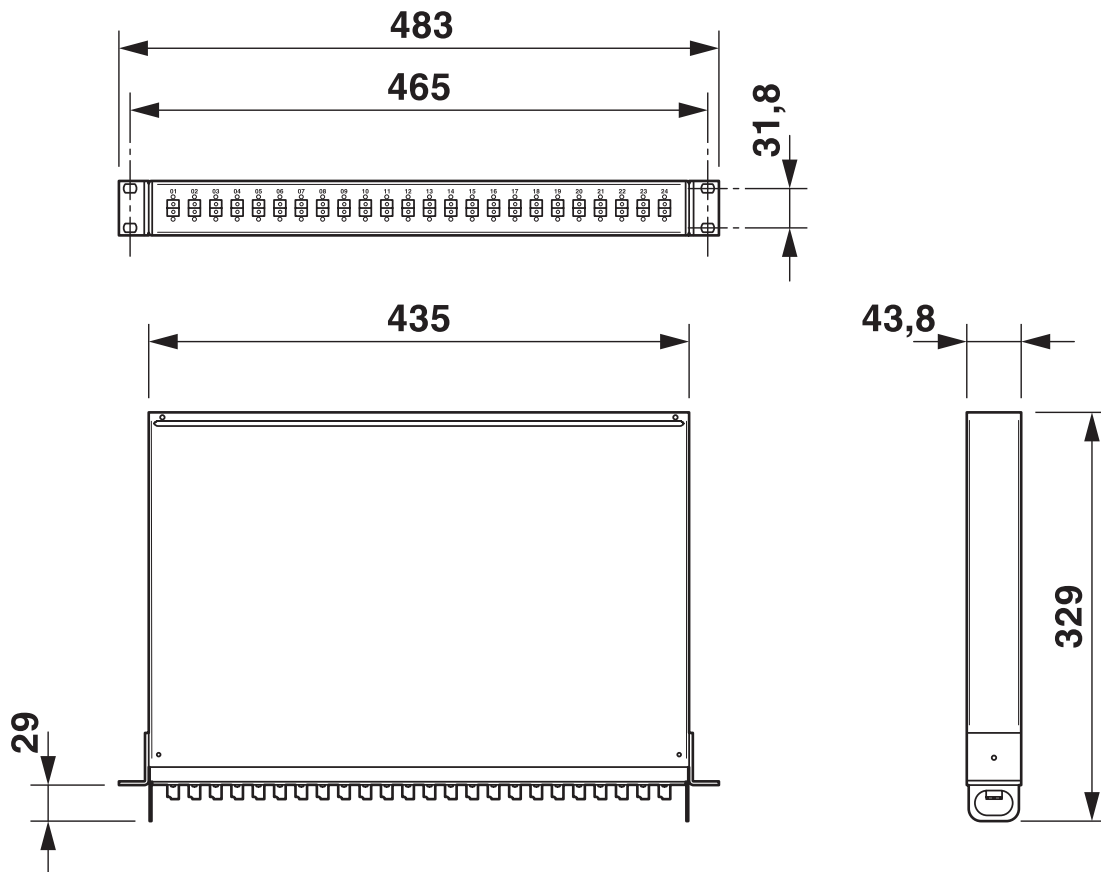


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## Drawings

Dimensional drawing



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## Classifications

### UNSPSC

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

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## Environmental product compliance

### China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50   |
|  | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)