

# FOC-FDX20-FR19-LCD12-OM4-PT9 - Splice box



1145415

<https://www.phoenixcontact.com/us/products/1145415>

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



## Product description

FDX 20 series 19" splice boxes, 1 RU, with removable drawer, for 12x LC duplex OM4, pink, completely ready to splice (correctly pre-mounted: 12 LC duplex couplings, 12 filler plugs, 24 pigtails, 2 cassettes, 2 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	1145415
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151136024
Weight per piece (including packing)	2,828.772 g
Weight per piece (excluding packing)	2,828.772 g
Customs tariff number	85367000
Country of origin	DE

1145415

<https://www.phoenixcontact.com/us/products/1145415>

## 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	24
Number of module slots	12
Number of slots	24
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	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-LCD12-OM4-PT9 - Splice box



1145415

<https://www.phoenixcontact.com/us/products/1145415>

Whip length	750 mm
Halogen-free	yes
Flame resistance	yes

## FO cable

Number of fibers	24
Fiber	GOF
Fiber type	Multimode fiberglass 50/125 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
---------------	-------------------

1145415

<https://www.phoenixcontact.com/us/products/1145415>

## Classifications

### ECLASS

ECLASS-13.0	19170113
ECLASS-15.0	19170113

### ETIM

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

### UNSPSC

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

1145415

<https://www.phoenixcontact.com/us/products/1145415>

## 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](mailto:info@phoenixcon.com)