

# FOC-FDX20-FR19-STD24-OM2-PT9 - Splice box



1145397

<https://www.phoenixcontact.com/us/products/1145397>

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Splice box, design: 19" rack patch module, 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 24x ST duplex OM2, metal, completely ready to splice (correctly pre-mounted: 24 ST duplex couplings, 24 filler plugs, 48 pigtailed, 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
- Flexible DIN rail mounting possible in six positioning directions
- Suitable for industrial applications
- Reduced installation time with plug-and-play
- Pin assignment straight in line in a link
- Continuously reliable data connection, thanks to extensively tested components
- Snap-on mounting on standard NS 35/7,5 or NS 35/15 DIN rails
- Transmission rate up to 1,000 Mbps

## Commercial data

Item number	1145397
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151135324
Weight per piece (including packing)	3,404 g
Weight per piece (excluding packing)	3,000 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Product properties

Type	19" rack patch module
Product type	Network distributor box
Connection profile	ST-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
Series	FDX 20 series

### Electrical properties

Attenuation	≤ 0.3 dB
Transmission medium	FO

### Connection data

#### Connection technology

Connection method	Splicing
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### Dimensions

Width	480 mm
Height	44.45 mm
Depth	280 mm

#### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

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

### Cable/line

Cable type	Fiberglass
Cable type	Loose Tube
Cable structure	semi-loose compact wires (STB)
External cable diameter ( )	7 mm ... 12 mm
External cable diameter	6 mm ... 12 mm
Individual wire diameter	900 µm

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Single wire, color	color coded
Whip length	750 mm
Halogen-free	yes
Flame resistance	yes

## FO cable

Number of fibers	48
Fiber	GOF
Fiber type	Multi-mode 50/125 µm fiberglass
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
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## 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

Resistance to UV radiation	yes
Flame resistance	yes

## Mounting

Mounting type	19" rack mounting
Connection method	Splicing

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## Approvals

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**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

ECLASS-11.0	19170113
ECLASS-12.0	19170113
ECLASS-13.0	19170113

### ETIM

ETIM 8.0	EC002699
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### UNSPSC

UNSPSC 21.0	43223300
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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