

FOC-FDX20-FR19-SCD12-OSP-PT9 - Splice box



1143631

<https://www.phoenixcontact.com/us/products/1143631>

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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 SC duplex OS2, blue, completely ready to splice (correctly pre-mounted: 12 SC duplex couplings, 12 filler plugs, 24 pigtailed, 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
- Suitable for industrial applications
- Exceptional fiber quality for reliable data transmission
- Continuously reliable data connection, thanks to extensively tested components

Commercial data

Item number	1143631
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151131005
Weight per piece (including packing)	3,000 g
Weight per piece (excluding packing)	2,877.592 g
Customs tariff number	85367000
Country of origin	DE

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Technical data

Product properties

Product type	Network distributor box
Housing type	Component housing
Series	FDX 20 series
Type	19" rack patch module
Connection profile	SC-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	2.50 mm
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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	≤ 12.00 mm (of 6 mm)
	6 mm ... 12 mm

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Wire diameter incl. insulation	900 µm
Individual wire diameter	900 µm
Single wire, color	color coded
Whip length	750 mm
Halogen-free	yes
Flame resistance	yes

FO cable

Number of fibers	24
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
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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

Flame resistance	yes
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Mounting

Mounting type	19" rack mounting
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Classifications

ECLASS

ECLASS-13.0	19170113
ECLASS-15.0	19170113

ETIM

ETIM 10.0	EC002699
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UNSPSC

UNSPSC 21.0	43223300
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com