

FOC-SB-FR19:1U-LCD24-OS2 BK - Splice box



1080812

<https://www.phoenixcontact.com/us/products/1080812>

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Splice box, design: 1RU, degree of protection: IP20, material: Metal, connection method: Splicing, color: black, Ethernet



The figure shows the version in gray

Product description

19" FDX 20 series splice boxes, 1 RU, with removable drawer, for 24x LC duplex OS2, black, completely ready to splice (correctly pre-mounted: 24 couplings, 48 pigtails, 4 cassettes, 4 combs, 1 cassette cover).

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	1080812
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNGBA
GTIN	4055626805566
Weight per piece (including packing)	2,873.9 g
Weight per piece (excluding packing)	2,873.9 g
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
Sensor type	Ethernet
Connection profile	LC-Duplex
No. of cable outlets	4
No. of conductors	48
Number of module slots	24
Number of slots	48
Protective cover	yes

Electrical properties

Attenuation	≤ 0.3 dB
Transmission medium	FO

Connection data

Connection technology

Connection method	Splicing
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Interfaces

Signal type/category	Ethernet
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Dimensions

Width	483 mm
Height	44.45 mm
Depth	241.5 mm

Mechanical characteristics

Ferrule diameter	1.25 mm
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Material specifications

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

Cable/line

Cable type	Fiberglass
Cable type	Loose Tube

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Cable structure	semi-loose compact wires (STB)
Signal type/category	Ethernet
External cable diameter	6 mm ... 12 mm
Individual wire diameter	900 µm (250/900 µm)
Single wire, color	color coded

FO cable

Number of fibers	48
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

Insertion/withdrawal cycles	min. 1000
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
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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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EF3.1 Climate Change

CO2e kg	28.208 kg CO2e
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