FOC-FDX20-FR19-STD12-OM1-PT9 - Splice box

1145399

https://www.phoenixcontact.com/us/products/1145399

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, 19" rack patch module, connection method: Splicing, material: Metal, degree of protection: IP20, housing size: 1, color: gray



Product description

FDX 20 series 19" splice boxes, 1 RU, with removable drawer, for 12x ST duplex OM1, metal, completely ready to splice (correctly pre-mounted: 12 ST 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
- Suitable for industrial applications
- Exceptional fiber quality for reliable data transmission
- Continuously reliable data connection, thanks to extensively tested components

Commercial data

Item number	1145399
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151135195
Weight per piece (including packing)	3,026 g
Weight per piece (excluding packing)	2,955.552 g
Customs tariff number	85367000
Country of origin	DE

Technical data

Product properties

Product type	Network distributor box
Series	FDX 20 series
Type	19" rack patch module
Connection profile	ST-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	2.5 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

Whip length	750 mm
Halogen-free	yes
Flame resistance	yes

FO cable

Number of fibers	24
Fiber	GOF
Fiber type	Multimode fiberglass 62.5/125 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

Classifications

ECLASS

ECLASS-13.0	19170113
ECLASS-15.0	19170113

ETIM

ETIM 10.0	EC002699

UNSPSC

UNSPSC 21.0	43223300

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