

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

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: 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 OM1, metal, completely ready to splice (correctly pre-mounted: 24 ST duplex couplings, 24 filler plugs, 48 pigtails, 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	1145389
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151135645
Weight per piece (including packing)	3,344 g
Weight per piece (excluding packing)	3,344 g
Customs tariff number	85367000
Country of origin	DE

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

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
-------------------	----------

Dimensions

Width	480 mm
Height	44.45 mm
Depth	280 mm

Mechanical characteristics

Ferrule diameter	2.50 mm
------------------	---------

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	≤ 12 mm (of 6 mm)
	6 mm ... 12 mm

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

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	48
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

Resistance to UV radiation	yes
Flame resistance	yes

Mounting

Mounting type	19" rack mounting
Connection method	Splicing

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1145389>



EAC

Approval ID: B.01687

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002699
----------	----------

UNSPSC

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

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

Environmental product compliance

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

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

Mandatory accessories

FOC-SHRINKSPLICE-PROTECT - Shrink splice protection

1019676

<https://www.phoenixcontact.com/us/products/1019676>



Shrink splice protection, design: Straight, degree of protection: IP20, cable outlet: above and below, color: transparent

FOC-CRIMPSPLICE-PROTECT - Crimp splice protection

1019678

<https://www.phoenixcontact.com/us/products/1019678>



Crimp splice protection, design: Straight, degree of protection: IP20, connection method: Crimp connection, cable outlet: above and below, color: Bare metallic

Accessories

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box

1145389

<https://www.phoenixcontact.com/us/products/1145389>



FOC-ST:PA-ST:PA-OM1:D01/1 - FO patch cable

1146501

<https://www.phoenixcontact.com/us/products/1146501>

Multi-mode OM1 duplex jumper, ST-ST, UPC polishing, length 1 m

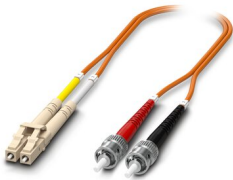


FOC-LC:PA-ST:PA-OM1:D01/1 - FO patch cable

1146499

<https://www.phoenixcontact.com/us/products/1146499>

Multi-mode OM1 duplex jumper, LC-ST, UPC polishing, length 1 m



FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box

1145389

<https://www.phoenixcontact.com/us/products/1145389>



FOC-ST:PA-ST:PA-OM1:D01/2 - FO patch cable

1146509

<https://www.phoenixcontact.com/us/products/1146509>

Multi-mode OM1 duplex jumper, ST-ST, UPC polishing, length 2 m

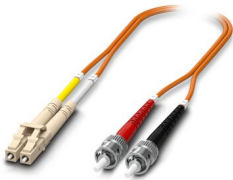


FOC-LC:PA-ST:PA-OM1:D01/2 - FO patch cable

1146508

<https://www.phoenixcontact.com/us/products/1146508>

Multi-mode OM1 duplex jumper, LC-ST, UPC polishing, length 2 m



FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box

1145389

<https://www.phoenixcontact.com/us/products/1145389>



FOC-ST:PA-ST:PA-OM1:D01/5 - FO patch cable

1146517

<https://www.phoenixcontact.com/us/products/1146517>

Multi-mode OM1 duplex jumper, ST-ST, UPC polishing, length 5 m

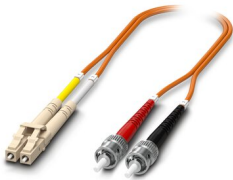


FOC-LC:PA-ST:PA-OM1:D01/5 - FO patch cable

1146516

<https://www.phoenixcontact.com/us/products/1146516>

Multi-mode OM1 duplex jumper, LC-ST, UPC polishing, length 5 m



FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



1145389

<https://www.phoenixcontact.com/us/products/1145389>

FOC-PT9:SC-OM1/2.5 - Fiber optic cable

1208107

<https://www.phoenixcontact.com/us/products/1208107>

Fiber optic cable, design: LC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, connection method: SC, cable outlet: straight, color: beige



FOC-PT9:ST-OM1/2.5 - Fiber optic cable

1208117

<https://www.phoenixcontact.com/us/products/1208117>

Fiber optic cable, design: ST series, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, connection method: ST, cable outlet: straight, color: silver/glossy



FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



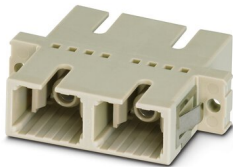
1145389

<https://www.phoenixcontact.com/us/products/1145389>

FOC-ADAPTER:SCD/SCD-MM - Fiber optic coupling

1208081

<https://www.phoenixcontact.com/us/products/1208081>



Fiber optic coupling, degree of protection: IP20, number of positions: 2, material: Plastic, connection method: Coupling, cable outlet: straight, color: beige, Ethernet

FOC-ADAPTER:STD/SCD-MM - Fiber optic coupling

1208096

<https://www.phoenixcontact.com/us/products/1208096>



Fiber optic coupling, degree of protection: IP20, number of positions: 2, material: Metal, connection method: Coupling, cable outlet: straight, color: silver/matt, Ethernet

FOC-FDX20-FR19-STD24-OM1-PT9 - Splice box



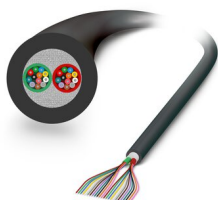
1145389

<https://www.phoenixcontact.com/us/products/1145389>

FOC-OE-OE-GL-U-OM1-24/... - FO cable

1286217

<https://www.phoenixcontact.com/us/products/1286217>



GOF universal cable; 24-wire, loose tube cable for fixed installation; non-metal rodent protection; can be stripped easily; UV resistant; high mechanical and thermal stability; low smoke; halogen-free and self-extinguishing; improved impact resistance; longitudinally and transversely watertight

FOC-OE-OE-GL-U-OM1-12/... - FO cable

1286223

<https://www.phoenixcontact.com/us/products/1286223>



GOF universal cable; 12-wire, loose tube cable for fixed installation; non-metal rodent protection; can be stripped easily; UV resistant; high mechanical and thermal stability; low smoke; halogen-free and self-extinguishing; improved impact resistance; longitudinally and transversely watertight

Phoenix Contact 2023 © - 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