

FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

<https://www.phoenixcontact.com/us/products/1145407>

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: 1U, 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 SC duplex OM2, blue, completely ready to splice (correctly pre-mounted: 24 SC 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 DIN rails NS 35/7.5 or NS 35/15
- Transmission rate up to 1000 Mbps

Commercial data

Item number	1145407
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151136000
Weight per piece (including packing)	3,380 g
Weight per piece (excluding packing)	2,675.5 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	SC-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

Data management status

Article revision	02
------------------	----

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 material	Metal
Housing surface material	Powder-coated, gray

Cable/line

Cable type	Fiberglass
Cable type	Loose Tube
Cable structure	semi-loose compact wires (STB)

FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

<https://www.phoenixcontact.com/us/products/1145407>

External cable diameter	7 mm ... 12 mm
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	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
-------------	----------

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



1145407

<https://www.phoenixcontact.com/us/products/1145407>

Classifications

ECLASS

ECLASS-11.0	19170113
ECLASS-13.0	19170113

ETIM

ETIM 9.0	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%

FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

<https://www.phoenixcontact.com/us/products/1145407>

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-SCD24-OM2-PT9 - Splice box



1145407

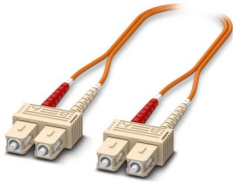
<https://www.phoenixcontact.com/us/products/1145407>

FOC-SC:PA-SC:PA-OM2:D01/1 - FO patch cable

1115536

<https://www.phoenixcontact.com/us/products/1115536>

Multi-mode OM2 duplex jumper, SC-SC, UPC polishing, length 1 m

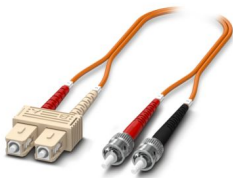


FOC-ST:PA-SC:PA-OM2:D01/1 - FO patch cable

1115574

<https://www.phoenixcontact.com/us/products/1115574>

Multi-mode OM2 duplex jumper, ST-SC, UPC polishing, length 1 m



FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

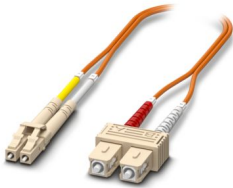
<https://www.phoenixcontact.com/us/products/1145407>

FOC-LC:PA-SC:PA-OM2:D01/1 - FO patch cable

1115607

<https://www.phoenixcontact.com/us/products/1115607>

Multi-mode OM2 duplex jumper, LC-SC, UPC polishing, length 1 m

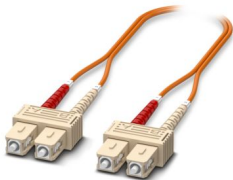


FOC-SC:PA-SC:PA-OM2:D01/2 - FO patch cable

1115535

<https://www.phoenixcontact.com/us/products/1115535>

Multi-mode OM2 duplex jumper, SC-SC, UPC polishing, length 2 m



FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box

1145407

<https://www.phoenixcontact.com/us/products/1145407>

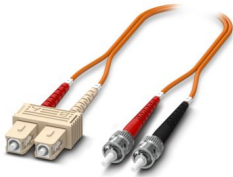


FOC-ST:PA-SC:PA-OM2:D01/2 - FO patch cable

1115573

<https://www.phoenixcontact.com/us/products/1115573>

Multi-mode OM2 duplex jumper, ST-SC, UPC polishing, length 2 m

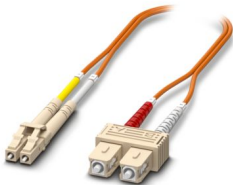


FOC-LC:PA-SC:PA-OM2:D01/2 - FO patch cable

1115605

<https://www.phoenixcontact.com/us/products/1115605>

Multi-mode OM2 duplex jumper, LC-SC, UPC polishing, length 2 m



FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

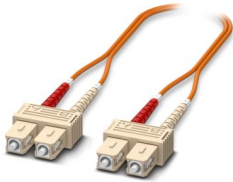
<https://www.phoenixcontact.com/us/products/1145407>

FOC-SC:PA-SC:PA-OM2:D01/5 - FO patch cable

1115533

<https://www.phoenixcontact.com/us/products/1115533>

Multi-mode OM2 duplex jumper, SC-SC, UPC polishing, length 5 m

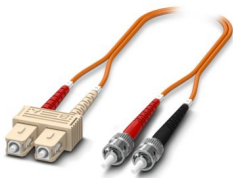


FOC-ST:PA-SC:PA-OM2:D01/5 - FO patch cable

1115570

<https://www.phoenixcontact.com/us/products/1115570>

Multi-mode OM2 duplex jumper, ST-SC, UPC polishing, length 5 m



FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



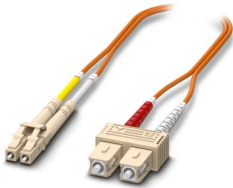
1145407

<https://www.phoenixcontact.com/us/products/1145407>

FOC-LC:PA-SC:PA-OM2:D01/5 - FO patch cable

1115603

<https://www.phoenixcontact.com/us/products/1115603>



FO patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 2, 1 Gbps, OM2

FOC-PT9:SC-OM2/2.5 - Fiber optic cable

1208109

<https://www.phoenixcontact.com/us/products/1208109>



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

FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

<https://www.phoenixcontact.com/us/products/1145407>

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-OE-OE-GL-U-OM2-12/... - FO cable

1286222

<https://www.phoenixcontact.com/us/products/1286222>



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

FOC-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

<https://www.phoenixcontact.com/us/products/1145407>

FOC-OE-OE-GL-U-OM2-24/... - FO cable

1286215

<https://www.phoenixcontact.com/us/products/1286215>

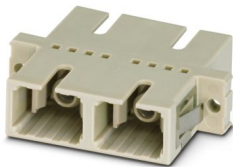


GOF universal cable, 24-wire, loose tube cable for fixed installation, non-metallic rodent protection, can be easily stripped, UV-resistant, high mechanical and thermal stability, low smoke, halogen-free and self-extinguishing, improved tread resistance, longitudinally and transversely watertight

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-FDX20-FR19-SCD24-OM2-PT9 - Splice box



1145407

<https://www.phoenixcontact.com/us/products/1145407>

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

1208083

<https://www.phoenixcontact.com/us/products/1208083>



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

Phoenix Contact 2024 © - 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