

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



1143631

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

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 12x SC duplex OS2, blue, completely ready to splice (correctly pre-mounted: 12 SC 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
- 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	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)	2,675.5 g
Customs tariff number	85367000
Country of origin	DE

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



1143631

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

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

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	7 mm ... 12 mm
External cable diameter	6 mm ... 12 mm

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



1143631

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

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	Multi-mode 50/125 µm fiberglass
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
-------------	----------

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



1143631

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

Classifications

ECLASS

ECLASS-11.0	19170113
ECLASS-13.0	19170113

ETIM

ETIM 9.0	EC002699
----------	----------

UNSPSC

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

1143631

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

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-SCD12-OSP-PT9 - Splice box



1143631

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

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-SCD12-OSP-PT9 - Splice box



1143631

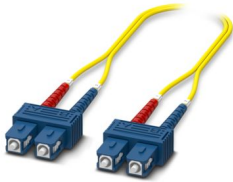
<https://www.phoenixcontact.com/us/products/1143631>

FOC-SC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115550

<https://www.phoenixcontact.com/us/products/1115550>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 1 m

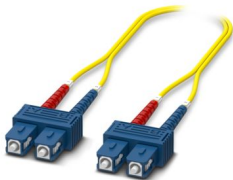


FOC-SC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115548

<https://www.phoenixcontact.com/us/products/1115548>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 2 m



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



1143631

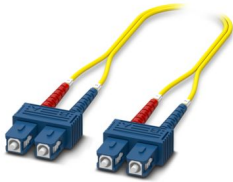
<https://www.phoenixcontact.com/us/products/1143631>

FOC-SC:PA-SC:PA-OS2:D01/5 - FO patch cable

1115546

<https://www.phoenixcontact.com/us/products/1115546>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 5 m

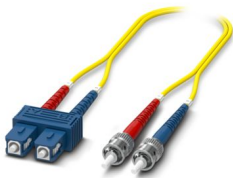


FOC-ST:PA-SC:PA-OS2:D01/1 - FO patch cable

1115582

<https://www.phoenixcontact.com/us/products/1115582>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 1 m



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



1143631

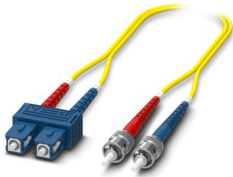
<https://www.phoenixcontact.com/us/products/1143631>

FOC-ST:PA-SC:PA-OS2:D01/2 - FO patch cable

1115581

<https://www.phoenixcontact.com/us/products/1115581>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 2 m

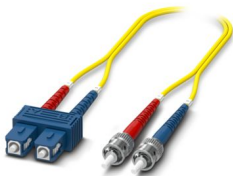


FOC-ST:PA-SC:PA-OS2:D01/5 - FO patch cable

1115579

<https://www.phoenixcontact.com/us/products/1115579>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 5 m



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



1143631

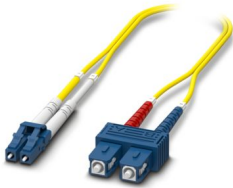
<https://www.phoenixcontact.com/us/products/1143631>

FOC-LC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115618

<https://www.phoenixcontact.com/us/products/1115618>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 1 m

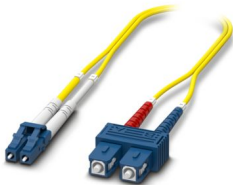


FOC-LC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115617

<https://www.phoenixcontact.com/us/products/1115617>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 2 m



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



1143631

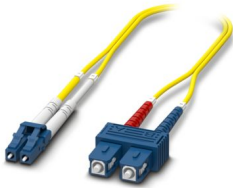
<https://www.phoenixcontact.com/us/products/1143631>

FOC-LC:PA-SC:PA-OS2:D01/5 - FO patch cable

1115615

<https://www.phoenixcontact.com/us/products/1115615>

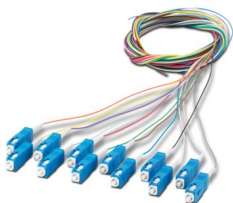
Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 5 m



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

1208113

<https://www.phoenixcontact.com/us/products/1208113>



Fiber optic cable, design: SC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 100 Gbps, material: Plastic, connection method: SC, cable outlet: straight, color: blue

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



1143631

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

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

1208114

<https://www.phoenixcontact.com/us/products/1208114>

Fiber optic cable, design: SC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 100 Gbps, connection method: SC, cable outlet: straight, color: green



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

1208086

<https://www.phoenixcontact.com/us/products/1208086>

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



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



1143631

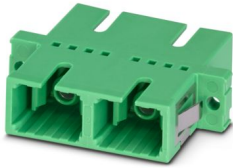
<https://www.phoenixcontact.com/us/products/1143631>

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

1208088

<https://www.phoenixcontact.com/us/products/1208088>

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



FOC-OE-OE-GL-U-OS2-24/... - FO cable

1286210

<https://www.phoenixcontact.com/us/products/1286210>



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



1143631

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

FOC-OE-OE-GL-U-OS2-12/... - FO cable

1286219

<https://www.phoenixcontact.com/us/products/1286219>



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

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