

# FOC-FDX20-FR19-STD12-OSP-PT9 - Splice box



1145395

<https://www.phoenixcontact.com/us/products/1145395>

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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 12x ST duplex OS2, metal, completely ready to splice (correctly pre-mounted: 12 ST duplex couplings, 12 filler plugs, 24 pigtailed, 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 NS 35/7,5 or NS 35/15 DIN rails
- Transmission rate up to 1000 Mbps

## Commercial data

Item number	1145395
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151132194
Weight per piece (including packing)	3,031 g
Weight per piece (excluding packing)	2,675.5 g
Customs tariff number	85367000
Country of origin	DE

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## 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
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### Dimensions

Width	480 mm
Height	44.45 mm
Depth	280 mm

#### Mechanical characteristics

Ferrule diameter	2.50 mm
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### 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	≤ 12.00 mm (of 6 mm)
	6 mm ... 12 mm

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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	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

Type of the screw connection	2x Pg16
Insertion/withdrawal cycles	≥ 500
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
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
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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	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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## 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

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### 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

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## Accessories

# FOC-FDX20-FR19-STD12-OSP-PT9 - Splice box



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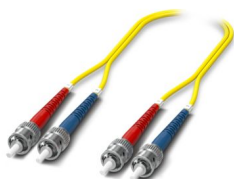
<https://www.phoenixcontact.com/us/products/1145395>

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

1115565

<https://www.phoenixcontact.com/us/products/1115565>

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



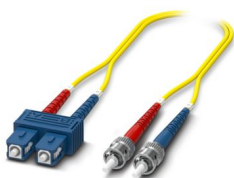
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## FOC-ST:PA-SC:PA-OS2:D01/1 - FO patch cable

1115582

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

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



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

1115596

<https://www.phoenixcontact.com/us/products/1115596>

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



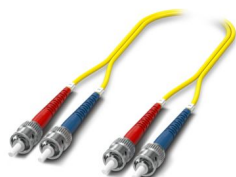
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## FOC-ST:PA-ST:PA-OS2:D01/2 - FO patch cable

1115564

<https://www.phoenixcontact.com/us/products/1115564>

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





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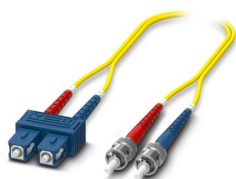


## FOC-ST:PA-SC:PA-OS2:D01/2 - FO patch cable

1115581

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

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



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

1115595

<https://www.phoenixcontact.com/us/products/1115595>

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



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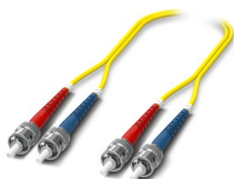
<https://www.phoenixcontact.com/us/products/1145395>

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

1115562

<https://www.phoenixcontact.com/us/products/1115562>

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



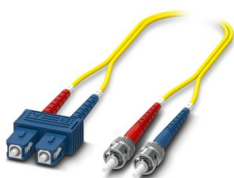
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## FOC-ST:PA-SC:PA-OS2:D01/5 - FO patch cable

1115579

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

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



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

1115592

<https://www.phoenixcontact.com/us/products/1115592>

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



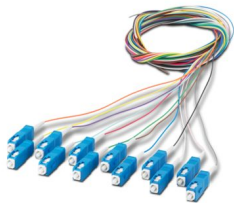
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## FOC-PT9:SC-OSP/2.5 - Fiber optic cable

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



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## 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



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## 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



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1145395

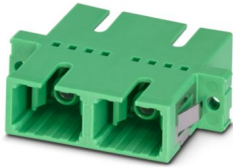
<https://www.phoenixcontact.com/us/products/1145395>

## 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



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## 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

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## 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

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## FOC-ADAPTER:STD/SCD-SM - Fiber optic coupling

1208098

<https://www.phoenixcontact.com/us/products/1208098>

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



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