FOC-FDX20-FR19-SCD24-OM4-PT9 - Splice box

1145403

https://www.phoenixcontact.com/us/products/1145403

PHŒNIX CONTACT

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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 24x SC duplex OM4, pink, 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 NS 35/7,5 or NS 35/15 DIN rails

• Transmission rate up to 1000 Mbps

Commercial data

Item number	1145403
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGBA
GTIN	4063151135515
Weight per piece (including packing)	3,248 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

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
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

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Classifications

ECLASS

ECLASS-11.0	19170113
ECLASS-12.0	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%

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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

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

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FOC-SC:PA-SC:PA-OM4:D01/1 - FO patch cable

1115424

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Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 1 m

FOC-LC:PA-SC:PA-OM4:D01/1 - FO patch cable
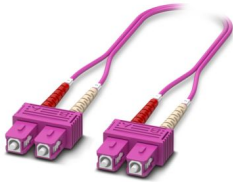
1115601

https://www.phoenixcontact.com/us/products/1115601

Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 1 m
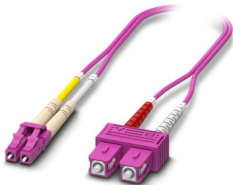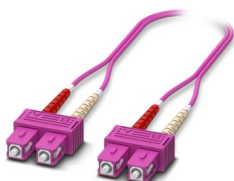
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FOC-SC:PA-SC:PA-OM4:D01/2 - FO patch cable

1115423

https://www.phoenixcontact.com/us/products/1115423

Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 2 m

FOC-LC:PA-SC:PA-OM4:D01/2 - FO patch cable

1115600

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Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 2 m
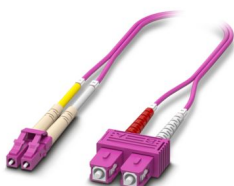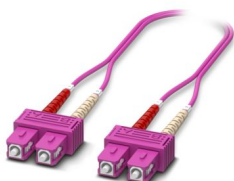
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FOC-SC:PA-SC:PA-OM4:D01/5 - FO patch cable

1115418

https://www.phoenixcontact.com/us/products/1115418

Multi-mode OM4 duplex jumper, SC-SC, UPC polishing, length 5 m

FOC-LC:PA-SC:PA-OM4:D01/5 - FO patch cable

1115598

https://www.phoenixcontact.com/us/products/1115598

Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 5 m

FOC-FDX20-FR19-SCD24-OM4-PT9 - Splice box
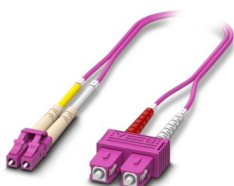
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FOC-PT9:SC-OM4/2.5 - Fiber optic cable

1208112

https://www.phoenixcontact.com/us/products/1208112

Fiber optic cable, design: SC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, 10 Gbps, connection method: SC, cable outlet: straight, color: violet

FOC-ADAPTER:SCD/SCD-OM4 - Fiber optic coupling

1208085

https://www.phoenixcontact.com/us/products/1208085

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

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FOC-OE-OE-GMB-U-OM4-24/... - FO cable

1286208

https://www.phoenixcontact.com/us/products/1286208

GOF universal cable, 24-wire, mini breakout 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-OE-OE-GL-U-OM4-24/... - FO cable

1286211

https://www.phoenixcontact.com/us/products/1286211

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-GMB-U-OM4-12/... - FO cable

1286209

https://www.phoenixcontact.com/us/products/1286209

GOF universal cable, 12-wire, mini breakout 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-OE-OE-GL-U-OM4-12/... - FO cable

1286220

https://www.phoenixcontact.com/us/products/1286220

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: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

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