

Splice box - FOC-FDX20-FR19-LCD12-OM2-PT91



1145416

<https://www.phoenixcontact.com/us/products/1145416>

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Splice box, degree of protection: IP20, material: Sheet steel, connection method: Splicing, housing size: 1, color: light grey RAL 7035



Product Description

FDX 20 series 19" splice boxes, 1 RU, with removable drawer, for 12x LC duplex OM2, gray, completely ready to splice (correctly pre-mounted: 12 LC 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.

Commercial Data

Item number	1145416
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	A08
Product Key	ABNAIB
GTIN	4063151135751
Weight per Piece (including packing)	2,937 g
Weight per Piece (excluding packing)	22.22 g
Customs tariff number	85367000
Country of origin	DE

Technical Data

Product properties

Type	19" rack patch module
Product type	Network distributor box
Connection profile	LC-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
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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	1.25 mm
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Material specifications

Color	light grey RAL 7035
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing surface material	Powder-coated, gray
Housing material	Sheet steel

Connector

Insertion/withdrawal cycles	≥ 500
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Cable / line

Cable type	Fiberglass
Cable type	Loose Tube
Cable structure	semi-loose compact wires (STB)
External cable diameter	7 mm ... 12 mm
Individual wire diameter	900 µm

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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 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
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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	Screw mounting: M6 x 4
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Approvals



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-9.0	27440210
ECLASS-10.0.1	19170113
ECLASS-11.0	19170113

ETIM

ETIM 8.0	EC002699
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UNSPSC

UNSPSC 21.0	43223300
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Environmental Product Compliance

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

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Mandatory Accessories

Shrink splice protection

Shrink splice protection - FOC-SHRINKSPLICE-PROTECT - 1019676

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



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

Crimp splice protection

Crimp splice protection - FOC-CRIMPSPLICE-PROTECT - 1019678

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



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

Accessories

Splice box - FOC-FDX20-FR19-LCD12-OM2-PT91



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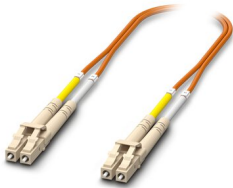
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FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/1 - 1115633

<https://www.phoenixcontact.com/us/products/1115633>

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

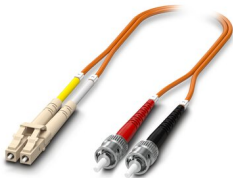


Fiber optic cable

Fiber optic cable - FOC-LC:PA-ST:PA-OM2:D01/1 - 1115588

<https://www.phoenixcontact.com/us/products/1115588>

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



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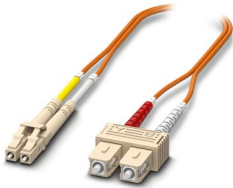
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FO patch cable

FO patch cable - FOC-LC:PA-SC:PA-OM2:D01/1 - 1115607

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

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

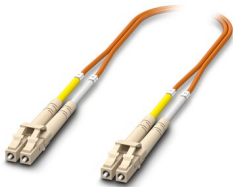


FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/2 - 1115634

<https://www.phoenixcontact.com/us/products/1115634>

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



Splice box - FOC-FDX20-FR19-LCD12-OM2-PT91



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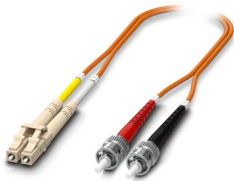
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Fiber optic cable

Fiber optic cable - FOC-LC:PA-ST:PA-OM2:D01/2 - 1115587

<https://www.phoenixcontact.com/us/products/1115587>

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

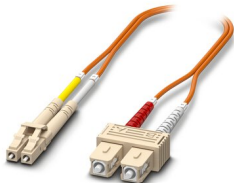


FO patch cable

FO patch cable - FOC-LC:PA-SC:PA-OM2:D01/2 - 1115605

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

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



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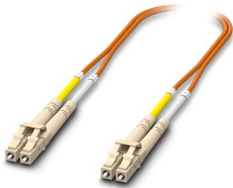
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FO patch cable

FO patch cable - FOC-LC:PA-LC:PA-OM2:D01/5 - 1115637

<https://www.phoenixcontact.com/us/products/1115637>

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

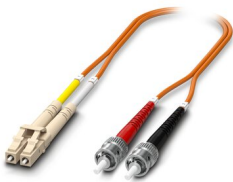


FO patch cable

FO patch cable - FOC-LC:PA-ST:PA-OM2:D01/5 - 1115584

<https://www.phoenixcontact.com/us/products/1115584>

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



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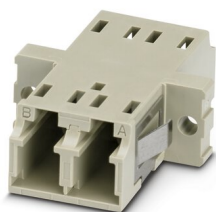
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Fiber optic coupling

Fiber optic coupling - FOC-ADAPTER:LCD/LCD-MM - 1207355

<https://www.phoenixcontact.com/us/products/1207355>



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

FO cable

FO cable - FOC-PT9:LC-OM2/2.5 - 1208101

<https://www.phoenixcontact.com/us/products/1208101>



FO cable, type: LC, degree of protection: IP20, cable length: 2.5 m, number of positions: 12, connection method: LC, cable outlet: straight, color: beige

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FO cable

FO cable - FOC-OE-OE-GL-U-OM2-12/... - 1286222

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



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

FO cable

FO cable - FOC-OE-OE-GL-U-OM2-24/... - 1286215

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



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

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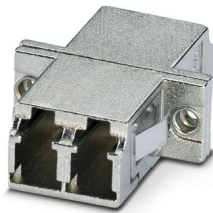
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<https://www.phoenixcontact.com/us/products/1145416>

Fiber optic coupling

Fiber optic coupling - FOC-ADAPTER:LCD/LCD-MM-ME - 1208069

<https://www.phoenixcontact.com/us/products/1208069>



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

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