

https://www.phoenixcontact.com/us/products/1115560

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



Your advantages

- · Comprehensively tested according to IEC 61753-122-2 and IEC 61753-1 Cat. C
- Temperature change test in accordance with IEC 61300-2-1
- · Vibration test according to IEC 61300-2-1
- Tensile strength of the cable connection according to IEC 61300-2-5
- · Multimode patch cable with outstanding optical and mechanical properties for indoor installation
- · Fire protection with LSZH sheath and UL 94 V0 components
- · Interferometer tests at every stage of the certification process
- · Satisfies optical and mechanical industry standards
- Connector with UPC polishing for optimum attenuation values

Commercial data

Item number	1115560
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB16
Product key	ABNIBC
GTIN	4063151040079
Weight per piece (including packing)	30.6 g
Weight per piece (excluding packing)	13 g
Customs tariff number	85447000
Country of origin	CN

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Technical data

Product properties		
Product type	Data cable preassembled	
Number of positions	2	
Connection profile	ST/UPC-ST/UPC connector	
Electrical properties		
Transmission medium	Multi-mode fiberglass	
Mechanical properties		
Tensile strength short-term/long-term	70 N	
Mechanical data		
Insertion/withdrawal cycles	≥ 500	
Material specifications		
Flammability rating according to UL 94	V0	
Outer sheath, material	LSZH	
Dimensions		
External dimensions		
External diameter min.	2 mm	
External diameter max.	4 mm	

Connector

Connection 1	
Туре	Plug 2x ST
Degree of protection	IP20
Connection 2	

Туре	Plug 2x ST
Degree of protection	IP20

Cable/line

Cable length	1.00 m
Cable weight	5.30 kg/km
Cable type	Multimode fiberglass
Cable type	Zip cord
Cable abbreviation	I-V(ZN)H
Cable structure	Figure 8 cable
External cable diameter	2.00 mm
Outer sheath, material	LSZH
External sheath, color	orange

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Single wire, number of litz wires	2
Individual wire diameter	900 µm
Bending radius, long-term	50 mm
Bending radius short term/long term	30 mm
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	30 mm
Tensile strength short-term/long-term	70 N
Lateral pressure, long-term	100.00 N/cm
Halogen-free	complying with IEC 60754-1/2
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
Concentration of fumes	in accordance with IEC 61034
Flame resistance	yes
Behavior in fire	No corrosive or toxic fumes

FO cable

Number of fibers	2
Fiber	Fiberglass
Fiber type	Multi-mode 50/125 µm fiberglass
Attenuation	≤ 3.5 dB/km (with 850 nm)
Transmission medium	Multi-mode fiberglass

Environmental and real-life conditions

Ambient conditions		
Degree of protection	IP20	
Ambient temperature (operation)	-20 °C 60 °C	
Ambient temperature (storage/transport)	-20 °C 60 °C	
Ambient temperature (assembly)	-20 °C 60 °C	
Ambient temperature (installation)	-20 °C 60 °C	
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes	

Standards and regulations

Behavior in fire	No corrosive or toxic fumes
Flame resistance	yes
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
Concentration of fumes	in accordance with IEC 61034
Standards/specifications	IEC 61300-3-4
	RL: IEC 61300-3-6



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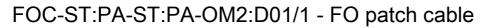
Classifications

ECLASS

ECLASS-13.0 27061003 ECLASS-12.0 27061003	ECLASS-11.0	27061003
ECLASS-12.0 27061003	ECLASS-13.0	27061003
	ECLASS-12.0	27061003

ETIM

	ETIM 9.0	EC002607
UN	NSPSC	
	UNSPSC 21.0	26121600



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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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