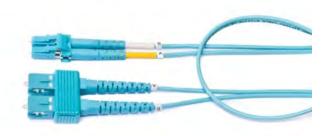
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



FP4LDSD003MR2XA Cable Assemblies - FiberExpress Duplex Patch Cord



For more Information please call

1-800-Belden1



General Description:

FX PATCH CORD, OM4, LC DUPLEX - SC DUPLEX, 3 M, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, AQUA JACKET

Usage (Overall)				
	Suitable Applications:	Data Centers, Main Equipment Rooms, Telecommunications Rooms and Work Area		
	Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Oultlets		

Multi Conductor

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Physical Characteristics

Overall Cabling

Overall Cabling Fillers: Refer to cable Technical Specifications

Overall Diameter

Overall Nominal Diameter: 0.078 x 0.156 in.

Physical Characteristics (Connectivity)

Fiber Type

Fiber Type: 50 Micron (OM4)

Materials

Materials:

Description	Туре	Material	Color
Connectors for both ends	LC-DUPLEX	Plastic	Aqua
Boot for both ends		Rubber	Aqua
Ferrule for both ends	1.25mm	Zirconia-Ceramic	
Jacket	2.0 mm Zip	OFNR	Aqua

Wiring Scheme

Wiring Scheme: TIA/EIA 568-C.3

Weight

Weight: 0.168 lbs.

Packaging

Packaging: Individually packaged in a clear plastic bag.

Mechanical Characteristics (Connectivity)

 Storage Temperature Range:
 -40°C To +75°C

 Operating Temperature Range:
 -40°C To +75°C

Environmental/Mechanical Characteristics:

Test (Method)	TIA 568-D.3	Belden
Thermal Cycling (FOTP-3)	n/a	-40 to 75°C cycling for 7 days
Temperature Life (FOTP-4)	60°C for 4 days	85°C for 7 days
Humidity (FOTP-5)	90-95% at 40°C for 4 days	95% @ 75°C for 7 days
Durability (FOTP-21)	500 cycles	6 x 200 cycles (3 Elevations)
Cable Retention (FOTP-6)	5.0 kg @ 0 deg.	1.94 kg @90 deg.
Flex (FOTP-1)	0.5 kg @ 90° to -90° for 100 cycles	0.9 kg @ 90° to -90° for 100 cycles

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Turiet (EOTD 20)	1 E ka for 10 avalon	1 E ka for 10 avalos	
Twist (FOTP-36)	1.5 kg for 10 cycles	1.5 kg for 10 cycles	
	. 5	3	

Overall Length Tolerances:

Range	Tolerance	Range	Tolerance	Range	Tolerance
Sx & Dx Patchcord	Sx & Dx Patchcord	MPO Trunk	MPO Trunk	Multi-Fiber Cable Assembly	Multi-Fiber Cable Assembly
0 to 2 meters	+0.2 / -0 meter	0 to 2 meters	+0.2 / -0 meter	0 to 2 meters	+0.2 / -0 meter
2.1 to 5.0 meters	+0.3 / -0 meter	2.1 to 5.0 meters	+0.3 / -0 meter	2.1 to 5.0 meters	+0.3 / -0 meter
5.1 to 40 meters	+0.4 / -0 meter	5.1 to 20 meters	+0.4 / -0 meter	5.1 to 20 meters	+0.4 / -0 meter
Over 40.1 meters	+ 1.0% / -0%	Over 20.1 meters	+ 1.0% / -0%	Over 20.1 meters	+ 1.3 / -0 meter

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

	UL Rating:	Riser		
	EU Directive 2002/95/EC (RoHS):	Yes		
	EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006		
	MII Order #39 (China RoHS):	EUP 50		
	Safety Listing:	ACA, Bi-national Standard Listed		
Sui	itability			
	Suitability - Indoor:	Yes		

Transmission Characteristics (Connectivity)

Optical Connector Performance:

Description	OM1 (62.5 μm)	OM2 (50 μm)	OM3 (50 μm)	OM4 (50 μm)	OS2 (Singlemode) UPC	OS2 (Singlemode) APC
Maximum IL (dB) SingleFiber Connector LC - SC - ST	0.25 dB	0.25 dB	0.25 dB	0.15 dB	0.35 dB	0.35 dB
Typical RL (dB) SingleFiber connector LC - SC - ST	-30 dB	-30 dB	-30 dB	-30 dB	-55 dB	-65 dB
Maximum IL (dB) MultiFiber Connector MPO	0.5 dB	0.5 dB	0.35 dB	0.2 dB	-	0.75 dB
Typical RL (dB) MultiFiber Connector MPO	-30 dB	-30 dB	-30 dB	-30 dB	-	-60 dB

Electrical Characteristics (Overall)

Notes (Overall)

Product Family

Put Ups and Colors:

1	Item #	Putup	Ship Weight	Color	Notes	Item Desc
	FP4LDSD003MR2XA	1 EA	0.064 KG			FXPC OM4 LC_DX SC_DX 3M

Revision Number: 0 Revision Date: 01-11-2016

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