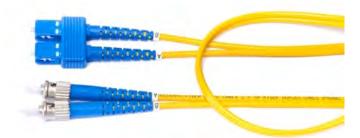


FPSSDST010M Cable Assemblies - FiberExpress FP - PATCH CORDS



For more Information please call

1-800-Belden1

General Description:

FX PATCH CORD, OS2, SC DUPLEX - ST, 10 M, OFNR, DUPLEX ZIP 3.0 MM, A-TO-B, YELLOW 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 Outlets
Multi Conductor		
Physical Characteristics		
Overall Cabling		
Overall Cabling Fillers:		Refer to cable Technical Specifications
Cable Characteristics ((Connectivity)	
Overall Diameter		
Overall Nominal Diameter	ər:	0.110 x 0.220 in.
Physical Characteristic	cs (Connectivity)	
Fiber Type		
Fiber Type:		SM, (OS2)
Materials		
Materials:		
Description	Type Material Cold	or
Connectors at first end	SC-Duplex Plastic Blue	ć
Connector at second end		
Ferrule at both ends	2.5mm Zirconia-Ceramic	
Boots at both ends	Rubber Blue	
Wiring Scheme		
Wiring Scheme:		TIA/EIA 568-C.3
Weight		
Weight:		0.178 lbs.
Packaging		
Packaging:		Individually packaged.
Mechanical Characteris	stics (Connectivity)	
Storage Temperature Ra	inge:	-40°C To +75°C
Operating Temperature I	Range:	-40°C To +75°C
Environmental/Mechanical Ch	haracteristics:	
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)		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)
	5.0 kg @ 0 deg.	1.94 kg @90 deg.
Flex (FOTP-1)		0.9 kg @ 90° to -90° for 100 cycles
Twist (FOTP-36)	1.5 kg for 10 cycles	1.5 kg for 10 cycles

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

FPSSDST010M Cable Assemblies - FiberExpress FP - PATCH CORDS

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)

Ap	Applicable Standards & Environmental Programs			
	UL Rating:	Riser		
	EU Directive 2011/65/EU (ROHS II):	Yes		
	EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2013		
	MII Order #39 (China RoHS):	EUP 50		
	Safety Listing:	ACA, Bi-national Standard Listed		
Sui	tability			
	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:

ltem #	Putup	Ship Weight	Color	Notes	Item Desc
FPSSDST010M	1 EA	0.221 KG			FXPC OS2 SC_DX ST 10M

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