

FPSLDSD010M Cable Assemblies - FiberExpress Duplex Patch Cord



For more Information
please call

1-800-Belden1

General Description:

FX PATCH CORD, OS2, LC DUPLEX - SC DUPLEX, 10 M, OFNR, DUPLEX ZIP 2.0 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

Overall Diameter

Overall Nominal Diameter: 1.981 x 3.962 mm

Physical Characteristics (Connectivity)

Fiber Type

Fiber Type: SM, (OS2)

Materials

Materials:

Description	Type	Material	Color
Connectors at first end	LC-DUPLEX	Plastic	Blue
Ferrules at first end	1.25mm	Zirconia-Ceramic	
Connectors at second end	SC-Duplex	Plastic	Blue
Ferrules at second end	2.5mm	Zirconia-Ceramic	
Boots at both ends		Rubber	

Wiring Scheme

FPSLDSD010M Cable Assemblies - FiberExpress Duplex Patch Cord

Wiring Scheme: TIA/EIA 568.3-D

Weight

Weight: 0.050 kg

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 568.3-D	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°	1.94 kg @ 90°
Flex (FOTP-1)	0.5 kg @ 90° to -90° for 100 cycles	0.9 kg @ 90° to -90° for 100 cycles
Twist (FOTP-36)	1.5 kg for 10 cycles	1.5 kg for 10 cycles

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 2011/65/EU (ROHS II): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2013

MII Order #39 (China RoHS): EUP 50

Telecommunications Standards: TIA 568.3-D

Safety Listing: ACA

Suitability

Suitability - Indoor: Yes

Transmission Characteristics (Connectivity)

Optical Connector Performance:

Description	OM1 (62.5 μm)	OM2 (50 μm)	OM3 (50 μm)	OM4 & OM5 (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	-	0.50 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:

METRIC MEASUREMENT VERSION

FPSLDSD010M Cable Assemblies - FiberExpress Duplex Patch Cord

Item #	Putup	Ship Weight	Color	Notes	Item Desc
FPSLDSD010M	1 EA	0.087 KG			FXPC OS2 LC_DX SC_DX 10M

Revision Number: 0 Revision Date: 10-24-2019

© 2020 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.