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## General Description:

FX PATCH CORD, OM3, LC DUPLEX UHD UNIBOOT - LC DUPLEX UHD UNIBOOT, 2 M, OFNR, ROUND 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 Outlets

## Multi Conductor

### Physical Characteristics

#### Overall Cabling

**Overall Cabling Fillers:** Refer to cable Technical Specifications

#### Overall Diameter

**Overall Nominal Diameter:** 0.078 in.

## Physical Characteristics (Connectivity)

### Fiber Type

**Fiber Type:** 50 Micron (OM3)

### Materials

#### Materials:

Description	Type	Material	Color
Connectors for both ends	LC-DUPLEX	Plastic	Aqua
Boots for both ends		Rubber	Aqua
Ferrules for both ends	1.25mm	Zirconia-Ceramic	

### Wiring Scheme

**Wiring Scheme:** TIA/EIA 568-C.3

### Weight

**Weight:** 0.229 lbs.

### Packaging

**Packaging:** Individually packaged.

## 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	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

## FP3LULU002M Cable Assemblies - FP - FX PATCH CORD

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

<b>UL Rating:</b>	Riser
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2013
<b>MII Order #39 (China RoHS):</b>	EUP 50
<b>Safety Listing:</b>	ACA, Bi-national Standard Listed

#### Suitability

<b>Suitability - Indoor:</b>	Yes
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### 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:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
FP3LULU002M	1 EA	0.104 KG			FXPC OM3 LD_UNI LD_UNI 2M

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