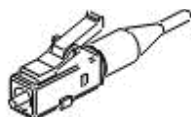


## FTSLC900PS01 Cable Assemblies - FX FIELD-TERMINATION PIGTAIL



For more Information  
please call

1-800-Belden1

### General Description:

FX FIELD-TERMINATION PIGTAIL, OS2, LC SIMPLEX, TIGHT BUFFER 900 UM, SINGLE-ENDED, 2M, WHITE BUFFER

### Usage (Overall)

**Suitable Applications:** Data Centers, Main Equipment Rooms and Telecommunications Rooms

**Related Parts:** FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames

### Cable Characteristics (Connectivity)

#### Overall Diameter

**Overall Nominal Diameter:** 0.889 mm

### Physical Characteristics (Connectivity)

#### Fiber Type

**Fiber Type:** SM, (OS2)

#### Materials

##### Materials:

Description	Type	Material	Color
Connector end 1	LC	Plastic	Blue
Boot end 1		Rubber	Blue
Ferrule end 1	1.25mm	Zirconia-Ceramic	

#### Wiring Scheme

**Wiring Scheme:** TIA/EIA 568.3-D

#### Weight

**Weight:** 0.034 kg

#### 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-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

## FTSLC900PS01 Cable Assemblies - FX FIELD-TERMINATION PIGTAIL

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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, Bi-national Standard Listed

#### Suitability

Suitability - Indoor:	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
FTSLC900PS01	1 EA	0.034 KG			FX PIGTAIL OS2 LC_SX TB_900

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