

## FT3LC900FS01 Modular Connectors - FX FUSION LC CONNECTOR

**General Description:**

FX FUSION SPLICE-ON CONNECTOR, OM3-4, LC SIMPLEX, 900UM TIGHT BUFFER, AQUA HOUSING, 1/PACK

**Usage (Overall)**

**Suitable Applications:** Field-termination of fiber optic cables within Patch Panels, Distribution Frames, Workstation Outlets for FTTD (Fiber to the Desk), drops for FTTH (Fiber to the home) and MDU (Multiple Dwelling Units).

**Related Parts:** FX Splice-On Installation Kit, FX Pigtailed. Not to be used with Breakout kits.

**Physical Characteristics (Connectivity)****Dimensions**

Dimensions:

Height (in.)	Width (in.)	Length (in.)
0.380	0.240	3.140

**Materials**

Materials:

Description	Material	Color
Boot	Rubber	Black
Protective Ferrule Cap	Plastic	Opaque
Connector Front Housing	Plastic	Aqua
Connector Rear Housing	Nickel plated zinc alloy diecast	
Ferrule	Zirconia-Ceramic	White

**Weight**

**Weight:** 0.046 lbs.

**Included Parts**

**Included Parts:** 900 µm boot, protective ferrule cap, splice protection sleeve

**Packaging**

**Packaging:** One (1) connector per pack, each in a dust and moisture resistant clam-shell package

**Mechanical Characteristics (Connectivity)**

Mechanical Specifications:

Test	TIA 568.3-D
Intermateability requirements	FOCIS compliant with latest revision of TIA-604-3 (SC) & TIA-604-10 (LC)
Operating Temperature	-40° to 75°C
Storage Temperature	-40° to 85°C
Durability	500 insertions
Cable retention	straight pull
Cable retention	90° pull
Flex	0.20 kg (0.45 lbf)
Twist	0.20 kg (0.45 lbf)

**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

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Suitability

Suitability - Indoor: Yes - Indoor

Transmission Characteristics (Connectivity)

Transmission Specifications:

Fiber type	Maximum Insertion Loss	Minimum reflectance
Single-mode UPC	0.3 dB	-55 dB
Single-mode APC	0.3 dB	-65 dB
Multimode OM1	0.25 dB	-25 dB
Multimode OM3 / OM4	0.2 dB	-25 dB

Notes (Overall)

Product Family

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
FT3LC900FS01	1 EA	0.224 LB			FX FUSION OM3-4 LC_SX TB_900

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