



**Product:** [FT1LC9SHFS01](#)



FX Fusion Splice-On Connector, OM1, LC Simplex, 900µm Tight Buffer, Short Boot

## Product Description

FX Fusion Splice-On Connector, OM1, LC Simplex, 900µm Tight Buffer, Short Boot, Beige Housing

## Technical Drawing

Test	TIA-568.3-E (MM)
Intermateability Requirement	FOCIS compliant with latest revision of TIA-604-10 (LC)
Operating Temp Range	-40° to 85°C
Storage Temp Range	-40° to 75°C
Durability	500 Mating cycles

## Technical Specifications

### Product Overview

Environmental Space:	Indoor/Outdoor
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).

### Construction

#### Fiber Cable Construction

Fiber Type	
OM1	
Weight:	0.021 lbs
Length:	45.78 mm

### Mechanical Characteristics

Maximum Insertion Loss:	0.25 dB
Minimum Reflectance:	-25 dB
Minimum Reflectance @ 1550nm:	-25 dB
Termination Style:	Splice-On

### Product Material

#### Materials

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

### Standards

TIA/EIA Compliance:	TIA 568.3
EU Directive 2011/65/EU (RoHS 2):	Yes
MII Order #39 (China RoHS):	EUP 50

## Related Part Numbers

Included Parts:	900 µm short boot, protective ferrule cap, splice protection sleeve
Related Parts:	FX Pigtails.

## Product Notes

Packaging:	Single Pack
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## History

Update and Revision:	Revision Number: 0.21 Revision Date: 08-13-2025
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