



**Product:** [FTSLC900FS01](#)

## Modular Connectors - FX FUSION LC CONNECTOR



### Product Description

FX FUSION SPLICE-ON CONNECTOR, OS2, LC SIMPLEX, 900UM TIGHT BUFFER/250UM, BLUE HOUSING, 1/PACK

### Technical Specifications

#### Product Overview

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

##### Fiber Cable Construction

<b>Fiber Type</b>	
OS2	
Weight:	0.046 lbs
Width:	0.240 in

#### Mechanical Characteristics

##### Mechanical Specifications

Test	GR-326-CORE/1081-CORE (SM)
Intermateability Requirement	FOCIS compliant with latest revision of TIA-604-10 (LC)
Operating Temp Range	-40° to 75°C
Storage Temp Range	-40° to 85°C
Durability	200 cycles at 3 ft.
Cable retention, straight pull	0.51 kg
Cable retention, 90 degree pull	0.20 kg
Maximum Insertion Loss:	0.3 dB
Minimum Reflectance @ 1550nm:	-55 dB
Durabilities@Termination1:	200 cycles at 3 ft.

#### Temperature Range

Operating Temperature Range:	-40° to 75°C
Storage Temperature Range:	-40° to 85°C

#### Product Material

##### Materials

Description	Material	Color
Boot	Rubber	Black
Protective Ferrule Cap	Plastic	Opaque
Connector Front Housing	Plastic	Blue
Connector Rear Housing	Nickel plated zinc alloy diecast	
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 boot, protective ferrule cap, splice protection sleeve
Related Parts:	FX Splice-On Installation Kit, FX Pigtails. Not to be used with Breakout kits.

### Variants

Item #	Color	Packaging	UPC
FTSLC900FS01	Blue	One (1) connector per pack, each in a dust and moisture resistant clam-shell package	611589217217

### Product Notes

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

Update and Revision:	Revision Number: 0.11 Revision Date: 02-20-2024
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