



**Product:** [FTSSB900FS01](#)

FX Fusion Splice-On Connector, OS2 SC-APC Simplex 900µm



## Product Description

FX FUSION SPLICE-ON CONNECTOR, OS2, SC/APC SIMPLEX, 900µm TIGHT BUFFER/250µm, GREEN HOUSING, 1/PACK

## Technical Specifications

### Product Overview

Environmental Space:	Indoor
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).

### Construction

#### Fiber Cable Construction

<b>Fiber Type</b>	
OS2	
Weight:	0.047 lbs

### Mechanical Characteristics

#### Mechanical Specifications

Test	GR-326-CORE/1081-CORE (SM)
Intermateability Requirement	FOCIS compliant with latest revision of TIA-604-3 (SC)
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
Flex	0.20 kgf
Twist	0.20 kg
Transmission with Applied Load	0.7 kgf (0° & 90°), 0.25kgf (135°)

Maximum Insertion Loss:	0.3 dB
Minimum Reflectance @ 1550nm:	-65 dB
Termination Style:	Splice-On
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	Green

Connector Rear Housing	Nickel plated zinc alloy diecast	
Ferrule	Zirconia-Ceramic	

## 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.

## 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: 0.38 Revision Date: 02-20-2024
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