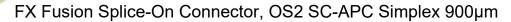


Product: FTSSB900FS01 ☑





# **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 FTTD (Fiber to the Desk), drops for FTTH (Fiber to the home) and MDU (Multiple Dwelling Units).

### Construction

## Fiber Cable Construction



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

### **History**

Update and Revision:	Revision Number: 0.38 Revision Date: 02-20-2024

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