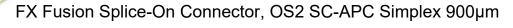


Product: FX Fusion OS2 SC-APC SX 900 ☑





# **Product Description**

FX Fusion Splice-On Connector, OS2, SC/APC Simplex, 900µm Tight Buffer, Green Housing

# **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



Weight:	0.021 kg
Height:	9.652 mm
Length:	79.756 mm

## **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 85°C
Storage Temp Range	-40° to 75°C
Durability	500 Insertions
Cable retention, straight pull	0.51 kg
Cable retention, 90 degree pull	0.2 kg
Flex	0.20 kg
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:	500 Insertions

# **Temperature Range**

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

## **Product Material**

### Materials

Boot	Rubber	Black
Protective Ferrule Cap	Plastic	Opaque
Connector Front Housing	Plastic	Green
Connector Rear Housing	Nickel plated zinc alloy diecast	

#### **Standards**

TIA/EIA Compliance:	TIA 568.3
EU Directive 2011/65/EU (RoHS 2):	Yes

#### **Related Part Numbers**

Included Parts:	2 mm boot, protective ferrule cap, splice protection sleeve
Related Parts:	FX Splice-On Installation Kit, FX Pigtails.

### **Product Notes**

Packaging:	Single Pack		

## **History**

Update and Revision:	Revision Number: 0.203 Revision Date: 02-14-2024

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