



**Product:** [FX Fusion OM3-4 SC Simplex 900](#)

Fusion Splice-On Connector, OM3-4 SC Simplex 900µm



**Product Description**

FX Fusion Splice-On Connector, OM3-4, SC Simplex, 900µm Tight Buffer, Aqua 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 FTDD (Fiber to the Desk), drops for FTTH (Fiber to the home) and MDU (Multiple Dwelling Units).

**Construction**

**Fiber Cable Construction**

Fiber Type	OM3
Weight:	0.021 kg
Height:	9.652 mm
Width:	6.096 mm
Length:	79.756 mm

**Mechanical Characteristics**

**Mechanical Specifications**

Test	TIA 568.3-D (MM)
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:	0.2 dB
Minimum Reflectance @ 1550nm:	-25 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**

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

## Standards

TIA/EIA Compliance:	TIA 568.3-D
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 Pigtailed.

## Variants

Item #	Color	Packaging	UPC
FT3SC900FS01	Aqua	Single Pack	611589217507

## Product Notes

Packaging:	Single Pack
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## History

Update and Revision:	Revision Number: 0.135 Revision Date: 11-09-2022
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