

## FT3SC900FS01 Modular Connectors - FX FUSION SC CONNECTOR

**General Description:**

FX FUSION SPLICE-ON CONNECTOR, OM3-4, SC SIMPLEX, 900UM TIGHT BUFFER, AQUA HOUSING, 1/PACK

**Usage (Overall)**

<b>Suitable Applications:</b>	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).
<b>Related Parts:</b>	FX Splice-On Installation Kit, FX Pigtailed. Not to be used with Breakout kits.

**Physical Characteristics (Connectivity)****Materials****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

**Weight**

<b>Weight:</b>	0.047 lbs.
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**Included Parts**

<b>Included Parts:</b>	900 µm boot, protective ferrule cap, splice protection sleeve
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**Packaging**

<b>Packaging:</b>	One (1) connector per pack, each in a dust and moisture resistant clam-shell package
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**Mechanical Characteristics (Connectivity)****Mechanical Specifications:**

Test	TIA 568.3-D
Intermateability requirements	FOCIS compliant with latest revision of TIA-604-3 (SC) & TIA-604-10 (LC)
Operating Temperature	-40° to 75°C
Storage Temperature	-40° to 85°C
Durability	500 insertions
Cable retention	straight pull
Cable retention	90° pull
Flex	0.20 kg (0.45 lbf)
Twist	0.20 kg (0.45 lbf)

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2013
<b>MIL Order #39 (China RoHS):</b>	EUP 50
<b>Telecommunications Standards:</b>	TIA 568.3-D

**Suitability**

<b>Suitability - Indoor:</b>	Yes - Indoor
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Transmission Characteristics (Connectivity)

Transmission Specifications:

Fiber type	Maximum Insertion Loss	Minimum reflectance
Single-mode UPC	0.3 dB	-55 dB
Single-mode APC	0.3 dB	-65 dB
Multimode OM1	0.25 dB	-25 dB
Multimode OM3 / OM4	0.2 dB	-25 dB

Notes (Overall)

Product Family

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
FT3SC900FS01	1 EA	0.000 KG			FX FUSION OM3-4 SC_SX TB_900

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