



Product: [FT5SC900FS01](#) 

Modular Connectors - FX FUSION SC CONNECTOR



Product Description

FX FUSION SPLICE-ON CONNECTOR, OM5, SC SIMPLEX, 900UM TIGHT BUFFER/250UM, LIME GREEN HOUSING, 1/PACK

Technical Specifications

Product Overview

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).
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Construction

Fiber Cable Construction

Fiber Type	
OM5	
Weight:	0.047 lbs

Mechanical Characteristics

Mechanical Specifications

Test	TIA 568.3-D (MM)
Operating Temp Range	-40° to 75°C
Storage Temp Range	-40° to 85°C
Maximum Insertion Loss:	0.2 dB
Minimum Reflectance @ 1550nm:	-25 dB

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

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: 0.17 Revision Date: 02-12-2025
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