



Product: [FTSSB2MMFS01](#)

FX Fusion Splice-On Connector, OS2 SC-APC Simplex 2mm

Product Description

FX FUSION SPLICE-ON CONNECTOR, OS2, SC/APC SIMPLEX, 2MM 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

Fiber Type	
OS2	
Weight:	0.021 kg

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 75°C
Durability	200 cycles at 3 ft.
Transmission with Applied Load	Compliant

Maximum Insertion Loss:	0.3 dB
Minimum Reflectance:	-65 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 75°C

Product Material

Materials

Description	Material	Color
Boot	Rubber	Black
Protective Ferrule Cap	Plastic	White
Connector Front Housing	Plastic	Green
Connector Rear Housing	Nickel plated zinc alloy diecast	Metal
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:	2mm 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:	Single Pack
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History

Update and Revision:	Revision Number: 0.175 Revision Date: 06-04-2025
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