Product: FX Fusion OM4 SC Simplex 900



FX Fusion Splice-On Connector OM4 SC Simplex 900µm

Product Description

FX Fusion Splice-On Connector, OM4, SC Simplex, 900µm Tight Buffer, Erika Violet 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

Fiber Type
OM4

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	Erika Violet
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 Pigtails.

Variants

Item #	Color	Packaging	UPC
FT4SC900FS01	Erika Violet	Single Pack	611589217514

Product Notes

Packaging:	Single Pack

History

Update and Revision:	Revision Number: 0.146 Revision Date: 03-04-2023

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