

FTSLC900FS01 Modular Connectors - FX FUSION LC CONNECTOR



General Description:

FX FUSION SPLICE-ON CONNECTOR, OS2, LC SIMPLEX, 900UM TIGHT BUFFER, BLUE HOUSING, 1/PACK

Usage (Overall)

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).
Related Parts:	FX Splice-On Installation Kit, FX Pigtails. Not to be used with Breakout kits.

Physical Characteristics (Connectivity)

Dimensions

Dimensions:

Height (in.)	Width (in.)	Length (in.)
0.380	0.240	3.140

Materials

Materials:

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

Weight

Weight:	0.046 lbs.
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Included Parts

Included Parts:	900 µm boot, protective ferrule cap, splice protection sleeve
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Packaging

Packaging:	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

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

Suitability

Suitability - Indoor:	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
FTSLC900FS01	1 EA	0.224 LB			FX FUSION OS2 LC_SX TB_900

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