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General Description:

FX FUSION SPLICE-ON CONNECTOR, OM4, LC SIMPLEX, 900UM TIGHT BUFFER, ERIKA VIOLET 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 Pigtailed. Not to be used with Breakout kits.

Physical Characteristics (Connectivity)

Dimensions

Dimensions:

Height (mm)	Width (mm)	Length (mm)
9.652	6.096	79.756

Materials

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

Weight

Weight: 0.021 kg

Included Parts

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

Packaging

Packaging: One (1) connector per pack, each in a dust and moisture resistant clam-shell package

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

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2013

MII Order #39 (China RoHS): EUP 50

Telecommunications Standards: TIA 568.3-D

FT4LC900FS01 Modular Connectors - FX FUSION LC CONNECTOR

Suitability

Suitability - Indoor: Yes - Indoor

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
FT4LC900FS01	1 EA	0.224 LB			FX FUSION OM4 LC_SX TB_900

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