



Product: [FT4LC900FS01](#)

FX Fusion Splice-On Connector OM4 LC Simplex 900µm



Product Description

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

Technical Drawing

Test	TIA-568.3-E (MM)
Intermateability Requirement	FOCIS compliant with latest revision of TIA-604-10 (LC)
Operating Temp Range	-40° to 75°C
Storage Temp Range	-40° to 85°C
Durability	500 Insertions
Cable retention, straight pull	0.51 kg
Cable retention, 90 degree pull	0.2 kg
Flex	0.2 kg
Twist	0.2 kg
Transmission with Applied Load	0.7 kgf (0°), 0.47 kgf (90°) & 0.17 kgf (135°)

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 lbs
Overall Length:	67.54 mm

Mechanical Characteristics

Maximum Insertion Loss:	0.20 dB
Minimum Reflectance:	-25 dB
Minimum Reflectance @ 1550nm:	-25 dB
Termination Style:	Splice-On

Product Material

Materials

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

Standards

TIA/EIA Compliance:	TIA 568.3
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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 Pigtails.

Product Notes

Packaging:	Single Pack
Notes:	This connector is not compatible with UHD Splice Cassettes (FCxHxxLxFxxx type part numbers) and ECX Splice Cassettes (FCxXxxLxFxxx type part numbers). For patch panel termination, please use adapter frames. For workstation outlet applications, use the Multimedia Box (AX107294-6 Port) or the Multi-use Outlet (AX100220-24 Port). For additional information, contact Belden Technical Support.

History

Update and Revision:	Revision Number: 0.32 Revision Date: 09-16-2025
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