

Product: [FX Brilliance OM1 LC](#) 



FX Brilliance OM1 LC Connector

Product Description

FX Brilliance Universal LC Field Installable Connector, Multimode, OM1, Beige Housing, 1/Pack, with support for 250 um (using Breakout kit), 900 um, 2 mm and 3 mm fiber (using jacketed boots). Includes 900 um boot, other accessories (Breakout Kit & jacketed boots) sold separately.

Technical Specifications

Part Number:	AX105200
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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	
OM1	
Weight:	.003 kg

Optical Characteristics

Mechanical Specifications

Test	TIA 568.3-D (MM)
Intermateability Requirement	Compliant with TIA/EIA-604-10A (FOCIS 10)
Operating Temp Range	-40°C to +75°C
Storage Temp Range	-40°C to +60°C
Durability	500 cycles, less than 0.2 dB change, FOTP-21

Mechanical Characteristics

Maximum Insertion Loss:	0.50 dB
Typical Insertion Loss:	0.20 dB
Minimum Reflectance @ 1550nm:	-30 dB
Termination Style:	Mechanical
Durabilities@Termination1:	500 cycles, less than 0.2 dB change, FOTP-21

Temperature Range

Operating Temp Range:	-40°C to +75°C
Storage Temp Range:	-40°C to +60°C

Product Material

Materials

Description	Material	Color
Boot	Rubber	Black
Protective Ferrule Cap	Plastic	Opaque
Connector Body	Plastic	Beige

Ferrule	Ceramic	
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Standards

Telecommunications Standards:	TIA 568-C.3
EU Directive 2011/65/EU (ROHS II):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-07-01
MII Order #39 (China RoHS):	EUP 50
Safety Listing:	ACA

Additional Notes

Packaging:	Individually packaged in a sealed plastic bag. Twenty-five (25) connectors come in a dust and moisture resistant blister package.
Included Parts:	900 µm boot, protective ferrule cap
Related Parts:	FX Brilliance Precision Installation Kit, Boots for 2mm and 3mm Jacketed Fiber, 250um to 900um break out kits.
Notes:	Refer to Installation Guide PX105234 for installation procedures. Fiber can be reterminated up to 5 times with the same connector.

History

Variants

Item #	Color	Packaging
AX105200-B25	Beige	25-Pack
AX105200-S1	Beige	1-Pack

Update and Revision:	Revision Number: 0.45 Revision Date: 01-31-2020
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