



**Product:** [FX Brilliance OM1 LC Keyed](#)

## FX Brilliance OM1 LC Keyed Connector



### Product Description

FX Brilliance Universal OM1 LC Keyed Mechanical Connector

### Technical Specifications

#### Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor termination of fiber cables: Patch panels, Communication outlets, Fiber-to-the-desk, Distribution frames, Campus, Customer premise, Access network, Data Centers

#### Construction

##### Fiber Cable Construction

Fiber Type
OM1

#### Mechanical 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
Maximum Insertion Loss:	0.50 dB
Typical Insertion Loss:	0.20 dB
Minimum Reflectance @ 1550nm:	-25 dB
Termination Style:	Mechanical
Durabilities@Termination1:	500 cycles, less than 0.2 dB change, FOTP-21

#### Temperature Range

Operating Temperature Range:	-40°C to +75°C
Storage Temperature 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	

#### Standards

TIA/EIA Compliance:	TIA 568-C.3
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EU Directive 2011/65/EU (RoHS 2):	Yes
MII Order #39 (China RoHS):	EUP 50
Safety Listing:	ACA

## Related Part Numbers

Included Parts:	900 µm boot, dust cap
Related Parts:	FiberExpress Brilliance installation kits, Breakout kits

## Variants

Item #	Color	Packaging	UPC
AX105224-B25	Aqua	25-Pack	611589105965
AX105219-B25	Black	25-Pack	611589105910
AX105221-B25	Blue	25-Pack	611589105934
AX105225-B25	Brown	25-Pack	611589105972
AX105217-B25	Green	25-Pack	611589105897
AX105220-B25	Orange	25-Pack	611589105927
AX105216-B25	Red	25-Pack	611589105880
AX105223-B25	Rose	25-Pack	611589105958
AX105226-B25	Slate	25-Pack	611589105989
AX105222-B25	Violet	25-Pack	611589105941
AX105227-B25	White	25-Pack	611589105996
AX105218-B25	Yellow	25-Pack	611589105903

## Product Notes

Packaging:	Individually packaged in a sealed plastic bag. Twenty-five (25) connectors come in a dust and moisture resistant blister package.
Notes:	Refer to Installation Guide PX105234 for installation procedures. Supplied with FiberExpress Brilliance installation kit. Fiber can be reterminated up to 5 times with the same connector.

## History

Update and Revision:	Revision Number: 0.53 Revision Date: 03-04-2023
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