

## Product: [FX Brilliance OM3-4 ST](#)



### FX Brilliance OM3-4 ST Connector

#### Product Description

FX Brilliance Universal ST Field Installable Connector, Multimode, OM3/OM4, Aqua Housing, 25/Pack, with support for 250  $\mu$ m (using Breakout kit), 900  $\mu$ m, 2 mm and 3 mm fiber (using jacketed boots). Includes 900  $\mu$ m boot, other accessories (Breakout Kit & jacketed boots) sold separately.

#### Technical Specifications

##### 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	OM3
Weight:	0.120 kg

##### Mechanical Characteristics

###### Mechanical Specifications

Test	TIA 568.3-D (MM)
Intermateability Requirement	Compliant with TIA/EIA-604-2 (FOCIS 2)
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:	-30 dB
Termination Style:	Mechanical

##### 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	Aqua
Ferrule	Ceramic	

##### Standards

TIA/EIA Compliance:	TIA 568-C.3
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:	FX Brilliance Precision Installation Kit, Boots for 2mm and 3mm Jacketed Fiber, 250µm to 900µm break out kits.

## Variants

Item #	Color	Packaging	UPC
AX105212-B25	Aqua	25-Pack	611589105361
AX105212-S1	Aqua	1-Pack	611589105378

## 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. Fiber can be reterminated up to 5 times with the same connector.

## History

Update and Revision:	Revision Number: 0.60 Revision Date: 03-04-2023
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