Part Number: 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 µm (using Breakout kit), 900 µm, 2 mm and 3 mm fiber (using jacketed boots). Includes 900 µm boot, other accessories (Breakout Kit & jacketed boots) sold separately.

Technical Specifications

Product Overview

Part Number:	AX105212
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

Fiber Type:	OM3

Buffer Specification

Fiber Type
OM3

Weight:	0.120 kg

Optical 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

Mechanical Characteristics

Maximum Insertion Loss:	0.50 dB
Typical Insertion Loss:	0.20 dB
Minimum Reflectance @ 1550nm:	-30 dB
Termination Style:	Mechanical
Interconnection Compatibility:	Compliant with TIA/EIA-604-2 (FOCIS 2)
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	Aqua
Ferrule	Ceramic	

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, dust cap
Related Parts:	FX Brilliance Precision Installation Kit, Boots for 2mm and 3mm Jacketed Fiber, 250μm to 900μm 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
AX105212-S1	Aqua	1-Pack
AX105212-B25	Aqua	25-Pack