

## AX103575 Modular Connectors - FXU FRAME, Pigtail, 24-F, OM3, LC-DUPLEX/PC



For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Ultra Frame With Color Coded Pigtails, 24-fiber, Multimode (OM3) , LC-Duplex/PC

**Usage (Overall)**

**Suitable Applications:** FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers

**Related Parts:** FiberExpress Ultra Patch Panels Rack Mount and Wall Mount, Splice Trays

**Physical Characteristics (Connectivity)****Dimensions**

**Dimensions:**

Height (in.)	Width (in.)	Depth (in.)
1.500	4.460	2.200

**Materials**

**Materials:**

Description	Type	Material	Color
Frame		Plastic - UL94V-0	Black
Front Connector Body	LC-DUPLEX	Plastic - UL94V-0	Aqua
Adapter Sleeve		Metal	

**Weight**

**Weight:** 0.350 lbs.

**Included Parts**

**Included Parts:** Dust Caps

**Packaging**

**Packaging:** Individually packaged in a plastic shell, Shipped in cardboard box (14/box)

**Mechanical Characteristics (Connectivity)**

**Footprint/Type:** 1 inch Pullout

**Termination Interface:**

Termination	Connection	Durabilities
Front	Mated Connection	500 cycles
Rear	Mated Connection	500 cycles

**Connector/Hardware Retention:** 11.250 lbs.

**Plug/Connector Retention:** 11.250 lbs.

**Storage Temperature Range:** -40°C To +75°C

**Operating Temperature Range:** -10°C To +60°C

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

**EU Directive 2002/95/EC (RoHS):** Yes

**EU RoHS Compliance Date (mm/dd/yyyy):** 07/01/2006

**MII Order #39 (China RoHS):** EUP 50

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Telecommunications Standards:

TIA 568.C.3

**Suitability**

Suitability - Indoor:

Yes - Indoor

**Transmission Characteristics (Connectivity)****Transmission Specifications:**

Product Description	Multimode insertion loss (max dB)	Multimode Reflectance (dB)	Single-Mode insertion loss (max dB)	Single-Mode Reflectance (dB)	Single-Mode APC insertion loss (max dB)	Single-Mode APC Reflectance (dB)
FiberExpress Ultra Pre-terminated Cassettes ST-Type and SC Duplex	1.50	< -20	1.25	< -55	NA	NA
FiberExpress Ultra Pre-terminated Cassettes LC and Secure/Keyed LC	1.15	< -20	1.15	< -50	NA	NA
FiberExpress Ultra Pre-terminated Cassettes MT-RJ	1.40	< -20	1.40	< -45	NA	NA
FiberExpress Manager Pre-terminated Modules ST-Type and SC Duplex	1.50	< -20	1.25	< -55	NA	NA
FiberExpress Manager Pre-terminated Modules LC and Secure/Keyed LC	1.15	< -20	1.15	< -50	NA	NA
FiberExpress Manager Pre-terminated Modules MT-RJ	1.40	< -20	1.40	< -45	NA	NA
FiberExpress Ultra Frames with pigtails	0.50	< -20	0.50	< -55	0.50	< -65

**Notes (Overall)**

**Notes:** For additional information about this product refer to product bulletin NP287, or visit our web site at <http://www.belden.com>.

**Product Family****Part Number List:**

Description	FX300/OM1	FX600/OM2	FX2000/OM3	FXSM Enhanced/OS2	Single-Mode
SC Simplex w/pigtails - 6 fibers	AX103535	AX103549	AX103563	AX103591	-
SC Simplex w/shutter & pigtails - 6 fibers	AX103536	AX103550	AX103564	AX103592	-
SC Simplex w/pigtails - 12 fibers	AX103541	AX103555	AX103569	AX103603	-
SC Duplex w/pigtails - 6 fibers	AX103537	AX103551	AX103565	AX103593	-
SC Duplex w/shutter & pigtails - 6 fibers	AX103538	AX103552	AX103566	AX103594	-
SC Duplex w/pigtails - 12 fibers	AX103543	AX103557	AX103571	AX103605	-
LC Duplex w/pigtails - 6 fibers	AX103539	AX103553	AX103567	AX103599	-
LC Duplex w/shutter & pigtails - 6 fibers	AX103540	AX103554	AX103568	AX103600	-
LC Duplex w/pigtails - 12 fibers	AX103545	AX103559	AX103573	AX103611	-
LC Duplex w/shutter & pigtails - 12 fibers	AX103546	AX103560	AX103574	AX103612	-
LC Duplex w/pigtails - 24 fibers	AX103547	AX103561	AX103575	AX103615	-
SC APC Simplex w/pigtails - 6 fibers	-	-	-	-	AX103595
SC APC Simplex w/shutter & pigtails - 6 fibers	-	-	-	-	AX103596
SC APC Simplex w/pigtails - 12 fibers	-	-	-	-	AX103607
SC APC Duplex w/pigtails - 6 fibers	-	-	-	-	AX103597
SC APC Duplex w/shutter & pigtails - 6 fibers	-	-	-	-	AX103598
SC APC Duplex w/pigtails - 12 fibers	-	-	-	-	AX103609
LC APC Duplex w/pigtails - 6 fibers	-	-	-	-	AX103601
LC APC Duplex w/shutter & pigtails - 6 fibers	-	-	-	-	AX103602
LC APC Duplex w/pigtails - 12 fibers	-	-	-	-	AX103613
LC APC Duplex w/shutter & pigtails - 12 fibers	-	-	-	-	AX103614
LC APC Duplex w/pigtails - 24 fibers	-	-	-	-	AX103617

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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