Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

AX103615 Modular Connectors - FXU FRAME, Pigtail, 24-F, SM, LC-DUPLEX/UPC

For more Information please call

1-800-Belden1

Description:

FiberExpress Ultra Frame With Color Coded Pigtails, 24-fiber, Single-Mode (OS2), LC-Duplex/UPC

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	Blue
Adapter Sleeve		Zirconia-Ceramic	

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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BELDEN
SENDING ALL THE RIGHT SIGNALS

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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 buletin 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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Revision Number: 0   Revision Date: 09-11-2009

Mouser Electronics

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