Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

BELDEN
SENDING ALL THE RIGHT SIGNALS

For more Information
please call

1-800-Belden1

RoHS COMPLIANT - ENVIRONMENTALLY FRIENDLY

General Description:

FiberExpress Ultra Frame, Single-mode Enhanced (OS2), LC-Duplex, 12-Fiber

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 (mm)	Width (mm)	Depth (mm)
38.100	113.284	55.880

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:	0.113 kg

Included Parts
Included Parts:	Dust Caps

Packaging
Packaging:	Individually packaged in a plastic bag, Shipped in cardboard box (60/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:	50.042 N
Plug/Connector Retention:	50.042 N
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

AX103502 Modular Connectors - FXU FRAME, LC-DUPLEX, 12F, OS2

Telecommunications Standards:	TIA 568.C.3

Suitability

Suitability - Indoor:	Yes - Indoor

Transmission Characteristics (Connectivity)

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	Multimode OM1 - 62.5um	Multimode OM2 - 50um	Multimode OM3 or OM4 - 50um	Single-Mode OS2	APC	Others
ST-Type 6 fibers	AX103382	-	-	AX103467	-	-
ST-Type 12 fibers	AX103403	-	-	AX103493	-	-
SC Simplex 6 fibers	AX103383	AX103439	AX103453	AX103468	AX103472	-
SC Simplex w/shutter 6 fibers	AX103384	AX103440	AX103454	AX103469	AX103473	-
SC Simplex 12 fibers	AX103404	AX103445	AX103459	AX103494	AX103498	-
SC Duplex 6 fibers	AX103385	AX103441	AX103455	AX103470	AX103474	-
SC Duplex w/shutter 6 fibers	AX103386	AX103442	AX103456	AX103471	AX103475	-
SC Duplex 12 fibers	AX103406	AX103447	AX103461	AX103496	AX103500	-
LC Duplex 6 fibers	AX103387	AX103443	AX103457	AX103476	AX103478	-
LC Duplex w/shutter 6 fibers	AX103388	AX103444	AX103458	AX103477	AX103479	-
LC Duplex 12 fibers	AX103408	AX103449	AX103463	AX103502	AX103504	-
LC Duplex w/shutter 12 fibers	AX103409	AX103450	AX103464	AX103503	AX103505	-
LC Duplex 24 fibers	AX103424	AX103451	AX103465	AX103519	AX103521	-
MT-RJ 6 fibers	AX103389	-	-	AX103859	-	-
MT-RJ 12 fibers	AX103410	-	-	AX103860	-	-
MT-RJ 24 fibers	AX103426	-	-	AX103861	-	-
FC 6 fibers	AX103390	-	-	AX103480	-	-
FC 12 fibers	AX103411	-	-	AX103506	-	-
MPO 6 Adapters	AX103901					
MPO 12 Adapters	AX103902					
Frame w/6 Blanks	-	-	-	-	-	AX103862
Frame Empty	-	-	-	-	-	AX103916

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

Revision Number: 0   Revision Date: 03-30-2010

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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