Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

AX103821 Faceplates and Panels - FiberExpress Ultra Cassette

For more Information please call

1-800-Belden1

General Description:

FiberExpress Ultra Pre-terminated Cassette, 12 fibers, LC-Duplex-MPO, Single-mode (OS2)

Usage (Overall)

Suitable Applications:	FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers
Related Parts:	FiberExpress Ultra Patch panels, Pre-terminated MPO cable assemblies

Physical Characteristics (Connectivity)

Capacity

Max. Capacity:	12 Fibers, 6 LC Duplex Bezels

Access

Front Connection:	1 inch Pullout

Dimensions

Dimensions:

Height (in.)	Width (in.)	Length (in.)
1.500	4.500	6.600

Materials

Materials:

Description	Type	Material	Color
Cassette assy		Plastic - UL94V-0	Black
Front Connector Body	LC-DUPLEX	Plastic - UL94V-0	Blue
Adapter Sleeve		Zirconia-Ceramic	
Rear Connector Body	MPO Male	Plastic - UL94V-0	Black

Weight

Weight:	0.500 lbs.

Packaging

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

Mechanical Characteristics (Connectivity)

Storage Temperature Range:	-10°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
Telecommunications Standards:	TIA 568.C.3

Suitability

Suitability - Indoor:	Yes

Transmission Characteristics (Connectivity)

Transmission Specifications:

Description	Multimode	Singlemode
ST-type and SC-Duplex Insertion Loss	1.50dB max	1.25dB max
ST-type and SC-Duplex Reflectance	<-20dB	<-55dB
LC & Secure/Keyed LC Insertion Loss	1.15 dB max	1.15 dB max
LC & Secure/Keyed LC Reflectance	<-20 dB	<-50dB
MT-RJ Insertion Loss	1.40 dB max	1.40 dB max
MT-RJ Reflectance	<-20 dB	<-45 dB

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Notes (Overall)

Notes: For additional information about this product, please contact our Technical Support group (ibdn.ts@belden.com) or your local sales representative. Ref PEC CODE: BFMO-FXU-MK-SL-LDU-PG-NN

Product Family

Part Numbers:

Description	Multimode OM1 - 62.5um	Multimode OM2 - 50um	Multimode OM3 - 50um	Single-Mode Enhance OS2	Others
ST-MPO 6 fibers	AX103619	AX103673	AX103691	AX103799	-
ST-MPO 12 fibers	AX103638	AX103680	AX103710	AX103818	-
SC Duplex-MPO - 6 fibers	AX103620	AX103674	AX103692	AX103800	-
SC Duplex w/shutter-MPO - 6 fibers	AX103621	AX103675	AX103693	AX103801	-
SC Duplex-MPO - 12 fibers	AX103639	AX103681	AX103711	AX103819	-
LC Duplex-MPO - 6 fibers	AX103622	AX103676	AX103694	AX103802	
LC Duplex w/shutter-MPO - 6 fibers	AX103623	AX103677	AX103695	AX103803	-
LC Duplex-MPO - 12 fibers	AX103641	AX103683	AX103713	AX103821	-
LC Duplex w/shutter-MPO - 12 fibers	AX103642	AX103684	AX103714	AX103822	-
LC Duplex-MPO - 24 fibers	AX103657	AX103687	AX103729	AX103837	-
MT-RJ(M)-MPO - 6 fibers	AX103625	AX103679	AX103697	AX103805	-
MT-RJ(M)-MPO - 12 fibers	AX103644	AX103686	AX103716	AX103824	-
MT-RJ(M)-MPO - 24 fibers	AX103660	AX103690	AX103732	AX103840	-
Cassette Rear assembly	-	-	-	-	AX103917
Universal Frame w/Cassette Rear assembly	-	-	-	-	AX103918

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

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

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