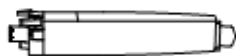


AX103821 Faceplates and Panels - FiberExpress Ultra Cassette



For more Information
please call

1-800-Belden1



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 (mm)	Width (mm)	Length (mm)
38.100	114.300	167.640

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: 0.227 kg

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

AX103821 Faceplates and Panels - FiberExpress Ultra Cassette

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

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

© 2012 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.