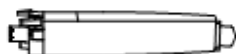


## AX103821 Faceplates and Panels - FiberExpress Ultra Cassette



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)**

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

**Physical Characteristics (Connectivity)****Capacity**

<b>Max. Capacity:</b>	12 Fibers, 6 LC Duplex Bezels
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**Access**

<b>Front Connection:</b>	1 inch Pullout
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**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**

<b>Weight:</b>	0.227 kg
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**Packaging**

<b>Packaging:</b>	Individually packaged in a plastic shell, Shipped in cardboard box (14/box)
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**Mechanical Characteristics (Connectivity)**

<b>Storage Temperature Range:</b>	-10°C To +75°C
<b>Operating Temperature Range:</b>	-10°C To +60°C

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

<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	07/01/2006
<b>MII Order #39 (China RoHS):</b>	EUP 50
<b>Telecommunications Standards:</b>	TIA 568.C.3

**Suitability**

<b>Suitability - Indoor:</b>	Yes
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## 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
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