

## AX103767 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, multimode, OM4, low loss

### Usage (Overall)

**Suitable Applications:** FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers

**Related Parts:** FiberExpress Ultra Patch panels, Pre-terminated MPO low loss 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	Aqua
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

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### Transmission Characteristics (Connectivity)

#### Transmission Specifications:

Description	OM3/OM4 Low Loss LC and SC Connector	OM3/OM4 Low Loss MPO Connector	OM3/OM4 Low Loss Preterminated Cassette
Maximum Insertion Loss (dB)	0.15	0.35	0.50
Minimum Reflectance (dB)	-20	-20	-20

### 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-GL-LDP-PG-LN

### 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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Revision Number: 0    Revision Date: 07-12-2010

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