

FC4U12LDMF1E Faceplates and Panels - FX ULTRA CASSETTE



For more Information
please call

1-800-Belden1



General Description:

FX ULTRA CASSETTE, OM4, 12 PORTS, MPO-12 (FEMALE), LC DUPLEX, TYPE-A ALTERNATE, ERIKA VIOLET ADAPTERS

Image

Image:

WIRING SCHEME

Type-A Polarity				Type-A Alternate Polarity			
Fiber position		Fiber Color		Fiber position		Fiber Color	
1	13	25	Blue	1	13	25	Aqua
2	14	26	Orange	2	14	26	Rose
3	15	27	Green	3	15	27	Violet
4	16	28	Brown	4	16	28	Yellow
5	17	29	Grey	5	17	29	Black
6	18	30	White	6	18	30	Red
7	19	31	Red	7	19	31	White
8	20	32	Black	8	20	32	Grey
9	21	33	Yellow	9	21	33	Brown
10	22	34	Violet	10	22	34	Green
11	23	35	Rose	11	23	35	Orange
12	24	36	Aqua	12	24	36	Blue

Usage (Overall)

Suitable Applications:	FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers
Related Parts:	FX UHD & FXU Patch Panels, FX MPO Trunks

Physical Characteristics (Connectivity)

Capacity

Max. Capacity:	24 Fibers, 12 LC Duplex Ports
----------------	-------------------------------

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
Rear Connector Body	MPO Female	Plastic - UL94V-0	Erika Violet
Adapter Sleeve		Zirconia-Ceramic	
Front Connector Body	LC-Duplex	Plastic - UL94V-0	Erika Violet
Cassette assy		Plastic - UL94V-0	Black

Weight

Weight:	0.657 lbs.
---------	------------

FC4U12LDMF1E Faceplates and Panels - FX ULTRA CASSETTE

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

Suitability

Suitability - Indoor: Yes

Transmission Characteristics (Connectivity)**Transmission Specifications:**

Description	OM1 (62.5 µm)	OM2 (50 µm)	OM3 (50 µm)	OM4 (50 µm)	OS2 (Singlemode) UPC	OS2 (Singlemode) APC
Maximum IL (dB) SingleFiber Connector LC - SC - ST	0.25 dB	0.25 dB	0.25 dB	0.15 dB	0.35 dB	0.35 dB
Typical RL (dB) SingleFiber connector LC - SC - ST	-30 dB	-30 dB	-30 dB	-30 dB	-55 dB	-65 dB
Maximum IL (dB) MultiFiber Connector MPO	0.5 dB	0.5 dB	0.35 dB	0.2 dB	-	0.75 dB
Typical RL (dB) MultiFiber Connector MPO	-30 dB	-30 dB	-30 dB	-30 dB	-	-60 dB

Notes (Overall)

Notes (Cont'd.): "Please refer to the label on the back of the cassette for appropriate front port number configuration."

Product Family**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
FC4U12LDMF1E	1 EA	0.657 LB			FXU CASS OM4 12P MPO12(F)

Revision Number: 1 Revision Date: 11-25-2015

© 2017 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.