Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

FC2U06SDMM Faceplates and Panels - FX ULTRA CASSETTE



For more Information
please call

1-800-Belden1

General Description:

FX ULTRA CASSETTE, OM2, 06 PORTS, MPO-12 (MALE), SC DUPLEX, TYPE-A, BLACK ADAPTERS

Image

Image:

WIRING SCHEME

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

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

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	SC-Duplex	Plastic - UL94V-0	Black
Adapter Sleeve		Zirconia-Ceramic	
Rear Connector Body	MPO Male	Plastic - UL94V-0	Black

Weight

Weight: 0.298 kg

Packaging

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

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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

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