

Product: FCSU12LDMF1B

FX Ultra Cassette OS2 12P MPO-12(F)

Product Description

FX ULTRA CASSETTE, OS2, 12 PORTS, MPO-12 (FEMALE), LC DUPLEX, TYPE-A ALTERNATE, BLUE ADAPTERS

Technical Specifications

Product Overview

Environmental Space:	Indoor
Suitable Applications:	FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers

Construction

Fiber Cable Construction

Fiber Type
OS2

Weight:	0.657 lbs
Overall Height:	1.5 in
Overall Width:	4.5 in
Overall Length:	6.6 in

Physical Specifications

Max Capacity:	24 Fibers, 12 LC Duplex Ports

Mechanical Characteristics

Front Connection:	1 Inch Pullout

Temperature Range

Operating Temperature Range:	-10°C to 60°C
Storage Temperature Range:	-10°C to 75°C

Product Material

Materials

Description	Material	Color	Type
Rear Connector Body	Plastic - UL94V-0	Green	MPO Female
Adapter Sleeve	Zirconia-Ceramic		
Front Connector Body	Plastic - UL94V-0	Blue	LC Duplex
Cassette Assembly	Plastic - UL94V-0	Black	

Transmission-Characteristics

Polarity Identification:	Type-A ALT

Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Patch Side	LC Duplex	0.25 dB	-55 dB
Trunk Side	MPO12(F)	0.25 dB	-60 dB

Standards

EU Directive 2011/65/EU (RoHS 2):	Yes
MII Order #39 (China RoHS):	EUP 50

Related Part Numbers

Related Parts:	FX UHD & FXU Patch Panels, FX MPO Trunks

Variants

Item #	Color	Connector Type	Polarity Identification
FCSU12LDMF1B	Blue	LC Duplex	Type-A Alternate

Product Notes

Packaging:	Individually packaged in a plastic shell, Shipped in cardboard box (14/box)
Notes:	Please refer to the label on the back of the cassette for appropriate front port number configuration

History

Update and Revision:	Revision Number: 0.10 Revision Date: 02-12-2025

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