



Product: [FC3U12LKMFAx](#)



FXU Cassette OM3 12 Ports

## Product Description

FX ULTRA CASSETTE, OM3, 12 PORTS, MPO-12 FEMALE, TYPE A LC DUPLEX KEYED

## Technical Specifications

### Product Overview

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

### Construction

#### Fiber Cable Construction

Fiber Type	
OM3	
Height:	1.5 in
Width:	4.5 in
Length:	6.6 in

### Mechanical Characteristics

Front Connection:	1 Inch Pullout
-------------------	----------------

### Temperature Range

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

### Product Material

#### Materials

Description	Material	Color	Type
Adapter Sleeve	Zirconia-Ceramic		
Front Connector Body	Plastic - UL94V-0	Red	LC Keyed
Cassette assy	Plastic - UL94V-0	Black	1.25mm

### Transmission-Characteristics

#### Fiber Connector Performance

Max. Insertion Loss	Min. Return Loss
0.25 dB	-30 dB
0.35 dB	-30 dB

### Standards

EU Directive 2011/65/EU (RoHS 2):	Yes
-----------------------------------	-----

### Related Part Numbers

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

## Variants

Item #	Connector Type
FC3U12LKMFAA	LC Keyed Aqua
FC3U12LKMFIAB	LC Keyed Blue
FC3U12LKMFIAG	LC Keyed Green
FC3U12LKMFIAM	LC Keyed Brown
FC3U12LKMFIAN	LC Keyed Black
FC3U12LKMFAO	LC Keyed Orange
FC3U12LKMFIAP	LC Keyed Rose
FC3U12LKMFIAR	LC Keyed Red
FC3U12LKMFIAS	LC Keyed Gray
FC3U12LKMFAV	LC Keyed Violet
FC3U12LKMFAW	LC Keyed White
FC3U12LKMFIAY	LC Keyed Yellow

## Product Notes

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

## History

Update and Revision:	Revision Number: 0.2 Revision Date: 05-09-2025
----------------------	--

© 2025 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.