



Product: [FC3U06LKM1](#)

FXU Cassette OM3 06 Ports



Product Description

FX ULTRA CASSETTE, OM3, 06 PORTS, MPO-12 FEMALE, TYPE-ALT 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
FC3U06LKMF1R	LC Keyed Red
FC3U06LKMF1G	LC Keyed Green
FC3U06LKMF1Y	LC Keyed Yellow
FC3U06LKMF1N	LC Keyed Black
FC3U06LKMF1O	LC Keyed Orange
FC3U06LKMF1B	LC Keyed Blue
FC3U06LKMF1V	LC Keyed Violet
FC3U06LKMF1P	LC Keyed Rose
FC3U06LKMF1A	LC Keyed Aqua
FC3U06LKMF1M	LC Keyed Brown
FC3U06LKMF1S	LC Keyed Gray
FC3U06LKMF1W	LC Keyed White

Product Notes

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

History

Update and Revision:	Revision Number: 0.14 Revision Date: 02-12-2025
----------------------	---

© 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.