



Product: [FC5X12LKFPN](#)

FX ECX CASS OM5 12P W/250 PIGTAIL LC KEYED DUPLEX



Product Description

FX ECX CASSETTE, OM5, 12 PORTS, WITH 250um COLOR CODED PIGTAILS, LC KEYED DUPLEX, RED ADAPTERS

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	
OM5	
Height:	1.300 in
Width:	6.340 in
Length:	8.740 in

Physical Specifications

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

Mechanical Characteristics

Front Connection:	Static
-------------------	--------

Temperature Range

Operating Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-10°C To +75°C

Product Material

Materials

Description	Material	Color
Adapter Sleeve	Zirconia-Ceramic	
Front Connector Body	Plastic - UL94V-0	Red
Cassette Assembly	Plastic - UL94V-0	Black

Transmission-Characteristics

Fiber Connector Performance

Max. Insertion Loss	Min. Return Loss
0.15 dB	-30 dB

Standards

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

Related Part Numbers

Included Parts:	250um pigtails, splice sleeves and cable ties
-----------------	---

Variants

Item #	Connector Type	Port Count
FC5X12LKFPNA	LC Keyed Aqua	12 Port
FC5X12LKFPNB	LC Keyed Blue	12 Port
FC5X12LKFPNG	LC Keyed Green	12 Port
FC5X12LKFPNM	LC Keyed Brown	12 Port
FC5X12LKFPNN	LC Keyed Black	12 Port
FC5X12LKFPNO	LC Keyed Orange	12 Port
FC5X12LKFPNP	LC Keyed Rose	12 Port
FC5X12LKFPNR	LC Keyed Red	12 Port
FC5X12LKFPNS	LC Keyed Gray	12 Port
FC5X12LKFPNV	LC Keyed Violet	12 Port
FC5X12LKFPNW	LC Keyed White	12 Port
FC5X12LKFPNY	LC Keyed Yellow	12 Port

Product Notes

Packaging:	Individually packaged in a plastic shell, shipped in cardboard box (12/box)
Notes:	Splice Holder is included. Splice holder is compatible with Belden Splice Sleeves part numbers (Post-Shrink Diameter): FXFUHS900AB25(2.5mm), FXFUHS9T2CB25 (2.0mm), FXFUHS250DB25 (1.5mm) and FXFUHSRIBEB12(Oval 4.1mmX4.6mm).

History

Update and Revision:	Revision Number: 0.11 Revision Date: 12-13-2023
----------------------	---

© 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.