BELDEN

Product: [FC5X12LKFMN](#) ⧉

FX ECX CASS OM5 12P MASS FUSION PIGTAIL LC KEYED DUPLEX

Product Description

FX ECX CASSETTE, OM5, 12 PORTS, WITH 250um MASS FUSION RIBBON 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
FC5X12LKFMNA	LC Keyed Aqua	12 Port
FC5X12LKFMNB	LC Keyed Blue	12 Port
FC5X12LKFMNG	LC Keyed Green	12 Port
FC5X12LKFMNM	LC Keyed Brown	12 Port
FC5X12LKFMNN	LC Keyed Black	12 Port
FC5X12LKFMNO	LC Keyed Orange	12 Port
FC5X12LKFMNP	LC Keyed Rose	12 Port
FC5X12LKFMNR	LC Keyed Red	12 Port
FC5X12LKFMNS	LC Keyed Gray	12 Port
FC5X12LKFMNV	LC Keyed Violet	12 Port
FC5X12LKFMNW	LC Keyed White	12 Port
FC5X12LKFMNY	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