BELDEN

Product: [FC3X06LKFMNx](#) ⤢

FX ECX CASS OM3 06P MASS FUSION PIGTAIL LC KEYED DUPLEX

Product Description

FX ECX CASSETTE, OM3, 06 PORTS, WITH 250um MASS FUSION RIBBON PIGTAILS, LC KEYED DUPLEX, ADAPTERS WITH VARIOUS KEY COLORS AVAILABLE

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:	1.300 in
Width:	6.340 in
Length:	8.740 in

Physical Specifications

Max Capacity:	12 Fibers, 6 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	See Table Below
Cassette Assembly	Plastic - UL94V-0	Black

Transmission-Characteristics

Fiber Connector Performance

Max. Insertion Loss	Min. Return Loss
0.25 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
Related Parts:	FX ECX Patch-pannels/ Wallmount Housings, ECX Splice/Splitter Cassettes, Patch Cords

Variants

Item #	Connector Type	Port Count
FC3X06LKFMNA	LC Keyed Aqua	6 Port
FC3X06LKFMNB	LC Keyed Blue	6 Port
FC3X06LKFMNG	LC Keyed Green	6 Port
FC3X06LKFMNM	LC Keyed Brown	6 Port
FC3X06LKFMNN	LC Keyed Black	6 Port
FC3X06LKFMNO	LC Keyed Orange	6 Port
FC3X06LKFMNP	LC Keyed Rose	6 Port
FC3X06LKFMNR	LC Keyed Red	6 Port
FC3X06LKFMNS	LC Keyed Gray	6 Port
FC3X06LKFMNV	LC Keyed Violet	6 Port
FC3X06LKFMNW	LC Keyed White	6 Port
FC3X06LKFMNY	LC Keyed Yellow	6 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: 0.2 Revision Date: 05-09-2025