



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

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

Mechanical Characteristics

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|-------------------|--------|
| 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

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|------------|--|
| 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

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| Update and Revision: | Revision Number: 0.13 Revision Date: 02-12-2025 |
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