



Product: [FC5U12LKMFAx](#)



FXU Cassette OM5 12 Ports

Product Description

FX ULTRA CASSETTE, OM5, 12 PORTS, MPO-12 FEMALE, TYPE A 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 | |
|------------|--------|
| OM5 | |
| 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 |
|---------------------|------------------|
| 0.15 dB | -30 dB |
| 0.2 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 |
|---------------|-----------------|
| FC5U12LKMFAA | LC Keyed Aqua |
| FC5U12LKMFAB | LC Keyed Blue |
| FC5U12LKM FAG | LC Keyed Green |
| FC5U12LKM FAM | LC Keyed Brown |
| FC5U12LKM FAN | LC Keyed Black |
| FC5U12LKM FAO | LC Keyed Orange |
| FC5U12LKM FAP | LC Keyed Rose |
| FC5U12LKM FAR | LC Keyed Red |
| FC5U12LKM FAS | LC Keyed Gray |
| FC5U12LKM FAV | LC Keyed Violet |
| FC5U12LKM FAW | LC Keyed White |
| FC5U12LKM FAY | LC Keyed Yellow |

Product Notes

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

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.2 Revision Date: 05-09-2025 |
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