



Product: [FC4U12LKM1](#)



FXU Cassette OM4 12 Ports

## Product Description

FX ULTRA CASSETTE, OM4, 12 PORTS, MPO-12 FEMALE, TYPE-ALT 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 |        |
|------------|--------|
| OM4        |        |
| 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  |
|--------------|-----------------|
| FC4U12LKMF1R | LC Keyed Red    |
| FC4U12LKMF1G | LC Keyed Green  |
| FC4U12LKMF1Y | LC Keyed Yellow |
| FC4U12LKMF1N | LC Keyed Black  |
| FC4U12LKMF1O | LC Keyed Orange |
| FC4U12LKMF1B | LC Keyed Blue   |
| FC4U12LKMF1V | LC Keyed Violet |
| FC4U12LKMF1P | LC Keyed Rose   |
| FC4U12LKMF1A | LC Keyed Aqua   |
| FC4U12LKMF1M | LC Keyed Brown  |
| FC4U12LKMF1S | LC Keyed Gray   |
| FC4U12LKMF1W | LC Keyed White  |

## Product Notes

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

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.14 Revision Date: 02-12-2025 |
|----------------------|---|

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