



**Product:** [FC4U06LDMFAA](#)

FX Ultra Cassette OM4 06P MPO-12(F)

### Product Description

FX ULTRA CASSETTE, OM4, 06 PORTS, MPO-12 (FEMALE), LC DUPLEX, TYPE-A, AQUA ADAPTERS

### Technical Specifications

#### Product Overview

|                        |   |
|------------------------|---|
| Environmental Space:   | Indoor  |
| Suitable Applications: | FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers |

#### Construction

##### Fiber Cable Construction

| Fiber Type | OM4       |
|------------|-----------|
| Weight:    | 0.657 lbs |
| Height:    | 1.5 in    |
| Width:     | 4.5 in    |
| Length:    | 6.6 in    |

#### Physical Specifications

|               |                               |
|---------------|-------------------------------|
| Max Capacity: | 12 Fibers, 06 LC Duplex Ports |
|---------------|-------------------------------|

#### Mechanical Characteristics

|                   |                |
|-------------------|----------------|
| Front Connection: | 1 Inch Pullout |
|-------------------|----------------|

#### Temperature Range

|                              |               |
|------------------------------|---------------|
| Operating Temperature Range: | -10°C to 60°C |
| Storage Temperature Range:   | -10°C to 75°C |

#### Product Material

##### Materials

| Description          | Material          | Color | Type       |
|----------------------|-------------------|-------|------------|
| Rear Connector Body  | Plastic - UL94V-0 | Black | MPO Female |
| Adapter Sleeve       | Zirconia-Ceramic  |       |            |
| Front Connector Body | Plastic - UL94V-0 | Aqua  | LC Duplex  |
| Cassette Assembly    | Plastic - UL94V-0 | Black |            |

#### Transmission-Characteristics

##### Fiber Connector Performance

| Description | Connector Type | Max. Insertion Loss | Min. Return Loss |
|-------------|----------------|---------------------|------------------|
| Patch Side  | LC Duplex      | 0.15 dB             | -30 dB           |
| Trunk Side  | MPO12(F)       | 0.2 dB              | -30 dB           |

## Standards

|                                   |        |
|-----------------------------------|--------|
| EU Directive 2011/65/EU (RoHS 2): | Yes    |
| MII Order #39 (China RoHS):       | EUP 50 |

## Related Part Numbers

|                |  |
|----------------|--|
| Related Parts: | FX UHD & FXU Patch Panels, FX MPO Trunks |
|----------------|--|

## Variants

| Item #       | Color        | Connector Type | Polarity Identification |
|--------------|--------------|----------------|-------------------------|
| FC4U06LDMFAA | Erika Violet | LC Duplex      | Type-A                  |

## Product Notes

|            |   |
|------------|---|
| Packaging: | Individually packaged in a plastic shell. Shipped in cardboard box (14/box)                           |
| Notes:     | Please refer to the label on the back of the cassette for appropriate front port number configuration |

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.7 Revision Date: 01-31-2024 |
|----------------------|--|

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