



Product: [FC3U12LDMF](#)

FX Ultra Cassette OM3 12P MPO-12(F)

Product Description

FX ULTRA CASSETTE, OM3, 12 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 | |
|------------|-----------|
| OM3 | |
| Weight: | 0.657 lbs |
| Height: | 1.5 in |
| Width: | 4.5 in |
| Length: | 6.6 in |

Physical Specifications

| | |
|---------------|-------------------------------|
| Max Capacity: | 24 Fibers, 12 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 | Aqua | MPO Female |
| Adapter Sleeve | Zirconia-Ceramic | | |
| Front Connector Body | Plastic - UL94V-0 | Aqua | LC Duplex |
| Cassette Assembly | Plastic - UL94V-0 | Black | |

Transmission-Characteristics

| | |
|--------------------------|--------|
| Polarity Identification: | Type-A |
|--------------------------|--------|

Fiber Connector Performance

| Description | Connector Type | Max. Insertion Loss | Min. Return Loss |
|-------------|----------------|---------------------|------------------|
| Patch Side | LC Duplex | 0.25 dB | -30 dB |
| Trunk Side | MPO12(F) | 0.35 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 |
|------------|-------|----------------|-------------------------|
| FC3U12LDMF | Aqua | 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: 0.113 Revision Date: 01-31-2024 |
|----------------------|--------------------------------------------------|

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