# Product: FP3LDMM002M



FXPC OM3 6_LC_DX MPO12_M 2M OFNP RD_3.0 TYPE-A AQ_JKT

## Product Description

FX PATCH CORD, OM3, 6 x LC DUPLEX - MPO-12 (M), 2 M, OFNP, ROUND 3.0 MM, TYPE-A, AQUA JACKET

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area |

### Fiber Specifications

| | |
|---|---|
| Fiber Type: | OM3 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Count: | 12 |
| Fiber Color Code: | TIA-598-D |

### Physical Specifications

**Connectors**

| Description | Type | Housing Material | Housing Color | Ferrule | Boot Material | Boot Color |
|---|---|---|---|---|---|---|
| Connector A (Inside End) | LC Duplex | Plastic | Aqua | Zirconia Ceramic | Rubber | Aqua |
| Connector B (Outside End) | MPO-12 Male | Plastic | Aqua | | Rubber | Black |

**Fan-out (Legs)**

| Description | Transition | Length (m) | Diameter | Geometry |
|---|---|---|---|---|
| Connector A (Inside End) | LPM | 0.5 m | 2.0 mm | In-Line |

**Assembly Cable**

| Cable Nominal OD | Jacket Color |
|---|---|
| 3.0 mm | Aqua |

**Measurement**

| Overall Assembly Length | Packaging |
|---|---|
| 2 m (6.6 ft) | Individually packaged in a plastic bag |

**Overall Length Tolerances**

| Range | Tolerance |
|---|---|
| 0 to 2 meters | +0.2 / -0 meter |
| 2.1 to 5 meters | +0.3 / -0 meter |
| 5.1 to 40 meters | +0.4 / -0 meter |
| over 19.9 meters | +1.3 / -0 meter |

### Armor Specifications

| | |
|---|---|
| Armor Type and Material: | No Armor |

### Optical Characteristics

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

**Fiber Connector Performance**

| Description | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---|---|---|---|
| Connector A (Inside End) | LC Duplex | 0.25 dB | 30 dB |
| Connector B (Outside End) | MPO-12 Male | 0.35 dB | 30 dB |

## Mechanical Characteristics

| | |
|---|---|
| Minimum Bend Radius During Installation: | 15x Cable OD |
| Minimum Bend Radius During Operation: | 10x Cable OD |

## Temperature Range

| | |
|---|---|
| Operating Temperature Range: | -10C to +60C |
| Storage Temperature Range: | -10C to +60C |

## Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | OFNP |
| UL Rating: | Plenum |
| TIA/EIA Compliance: | TIA/EIA 568.3 |
| European Directive Compliance: | EU Directive 2011/65/EU (RoHS 2) |
| MII Order #39 (China RoHS): | EUP 50 |
| Other Standard Compliance(s): | ACMA |

## Product Notes

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|---|---|
| Related Parts: | DCX system, FX UHD Patch Panels, ECX Patch Panels, FX Patch cords, FX MPO Trunks, FX Multi-fiber Trunks |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.40 Revision Date: 02-12-2025 |

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