



Product: [FP5MFMF002M](#)

FXPC OM5 MPO12\_F MPO12\_F 2M OFNP RD\_2.0 TYPE-B LG\_JKT

Product Description

FX PATCH CORD, OM5, MPO-12 (F) - MPO-12 (F), 2 M, OFNP, ROUND 2.0 MM, TYPE-B, LIME GREEN JACKET

Technical Specifications

Product Overview

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

Fiber Specifications

|                      |           |
|----------------------|-----------|
| Fiber Type:          | OM5       |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Count:         | 12        |
| Fiber Color Coding:  | TIA-598-D |

Physical Specifications

Connectors

| Description               | Type          | Housing Material | Housing Color | Boot Material | Boot Color |
|---------------------------|---------------|------------------|---------------|---------------|------------|
| Connector A (Inside End)  | MPO-12 Female | Plastic          | Lime Green    | Rubber        | Black      |
| Connector B (Outside End) | MPO-12 Female | Plastic          | Lime Green    | Rubber        | Black      |

Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 2.0 mm           | Lime Green   |

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 20 meters | +0.4 / -0 meter |
| over 20 meters   | +1.3 / -0 meter |

Armor Specifications

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

Optical Characteristics

|                          |        |
|--------------------------|--------|
| Polarity Identification: | Type-B |
|--------------------------|--------|

Fiber Connector Performance

| Description               | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---------------------------|----------------|---------------------|------------------|
| Connector A (Inside End)  | MPO-12 Female  | 0.20 dB             | 30 dB            |
| Connector B (Outside End) | MPO-12 Female  | 0.20 dB             | 30 dB            |

Mechanical Characteristics

|                                       |              |
|---------------------------------------|--------------|
| Min. Bend Radius During Installation: | 15x Cable OD |
| Min. 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

|                |   |
|----------------|---|
| 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: 0.15 Revision Date: 07-20-2023 |
|----------------------|---|

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