



Product: [FP4LU4FxxxM](#)

FXPC OM4 4_LD_UNI MPO8_F xxxM OFNP RD_3.0 SR4 EV_JKT

Product Description

FX PATCH CORD, OM4, 4 x LC DUPLEX UHD UNIBOOT - MPO-12 BASE 8 (F), xxx M (LENGTH IN METERS), OFNP, ROUND 3.0 MM, SR4, ERIKA VIOLET JACKET

Technical Specifications

Product Overview

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

Fiber Specifications

| | |
|----------------------|-----------|
| Fiber Type: | OM4 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Count: | 8 |
| Fiber Color Coding: | TIA-598-D |

Physical Specifications

Connectors

| Description | Type | Housing Material | Housing Color | Ferrule | Boot Material | Boot Color |
|---------------------------|------------------------|------------------|---------------|------------------|---------------|--------------|
| Connector A (Inside End) | LC Duplex UHD Uniboot | Plastic | Erika Violet | Zirconia Ceramic | Rubber | Erika Violet |
| Connector B (Outside End) | MPO-12 (Base 8) Female | Plastic | Erika Violet | | 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 | Erika Violet |

Measurement

| Overall Assembly Length | Packaging |
|-------------------------|--|
| xxx meters | 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: | SR4 |
|--------------------------|-----|

Fiber Connector Performance

| Description | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---------------------------|------------------------|---------------------|------------------|
| Connector A (Inside End) | LC Duplex UHD Uniboot | 0.15 dB | 30 dB |
| Connector B (Outside End) | MPO-12 (Base 8) 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

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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

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| Update and Revision: | Revision Number: 0.12 Revision Date: 07-20-2023 |
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