



Product: [FYSCLDFMMFA010M](#)

Y OS2 24F LC_DX MPO12_M 10M T-A OFNP JKTx1.0xIL JKTx1.0xIL

Product Description

FX OPTITUFF MINI TRUNK, OS2, 24 FIBERS, LC DUPLEX (JACKETED x 1.0M x IN-LINE) - MPO-12 (M) (JACKETED x 1.0M x IN-LINE), TYPE-A, OFNP, 10 M, YELLOW JACKET

Technical Specifications

Product Overview

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

Fiber Specifications

| | |
|----------------------|------------|
| Fiber Type: | OS2 |
| Fiber Core Diameter: | 8.2/125 µm |
| Fiber Count: | 24 |
| 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 | Plastic | Blue | Zirconia Ceramic | Rubber | Blue |
| Connector B (Outside End) | MPO-12 Male | Plastic | Green | | Rubber | Black |

Fan-out (Legs)

| Description | Transition | Length (m) | Diameter | Geometry |
|---------------------------|------------|------------|----------|----------|
| Connector A (Inside End) | LPM | 1.0 m | 1.6 mm | In-Line |
| Connector B (Outside End) | LPM | 1.0 m | 3.0 mm | In-Line |

Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 4.0 mm | Yellow |

Measurement

| Overall Assembly Length | Packaging |
|-------------------------|-----------------------|
| 10 m (32.8 ft) | Individually packaged |

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 19.9 meters | +0.4 / -0 meter |
| over 19.9 meters | +1.3 / -0 meter |

Armor Specifications

| | |
|--------------------------|----------------------------|
| Armor Type and Material: | ADA - All-Dielectric Armor |
|--------------------------|----------------------------|

Optical Characteristics

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|--------------------------|--------|
| 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 | 55 dB |
| Connector B (Outside End) | MPO-12 Male | 0.35 dB | 60 dB |

Mechanical Characteristics

| | |
|---------------------------------------|----------------|
| Pulling Eye Type: | FX Pulling Eye |
| Pulling Eye Location: | Outside End |
| Pulling Eye Tension: | 25 lbs |
| Min. Bend Radius During Installation: | 3.75x Cable OD |
| Min. Bend Radius During Operation: | 3.75x Cable OD |

Temperature Range

| | |
|------------------------------|--------------|
| Operating Temperature Range: | -40C to +75C |
| Storage Temperature Range: | -40C to +75C |

Standards and Compliance

| | |
|----------------------------------|----------------------------------|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | OFNP |
| TIA/EIA Compliance: | TIA/EIA 568.3 |
| European Directive Compliance: | EU Directive 2011/65/EU (RoHS 2) |
| 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, OptiTuff Mini Cable |
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History

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| Update and Revision: | Revision Number: 0.6 Revision Date: 01-23-2023 |
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