



Product: <u>FYSALDFLDFX010M</u> ☑

Y OS2 12F LC_DX LC_DX 10M A-B OFNP JKTx1.0xIL JKTx1.0xIL

Product Description

FX OPTITUFF MINI TRUNK, OS2, 12 FIBERS, LC DUPLEX (JACKETED x $1.0M \times IN$ -LINE) - LC DUPLEX (JACKETED x $1.0M \times IN$ -LINE), A-TO-B, OFNP, $10M \times IN$ -LINE) - LC DUPLEX (JACKETED x $1.0M \times IN$ -LINE), A-TO-B, OFNP, $10M \times IN$ -LINE)

Technical Specifications

Product Overview

| Suitable Applications: | Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area |
|------------------------|--|
| Fiber Specifications | |
| Fiber Type: | O\$2 |
| Fiber Core Diameter: | 8.2/125 μm |
| Fiber Count: | 12 |
| Fiber Color Coding: | TIA-598-D |

Physical Specifications

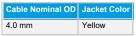
Connectors

| Description | Туре | 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) | LC Duplex | Plastic | Blue | Zirconia Ceramic | Rubber | Blue |

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 | l) LPM | 1.0 m | 1.6 mm | In-Line |

Assembly Cable



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

| Polarity Identification: | A-to-B / B-to-A |
|--------------------------|-----------------|
|--------------------------|-----------------|

Fiber Connector Performance

| Description | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---------------------------|----------------|---------------------|------------------|
| Connector A (Inside End) | LC Duplex | 0.35 dB | 55 dB |
| Connector B (Outside End) | LC Duplex | 0.35 dB | 55 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

History

| Update and Revision: | Revision Number: 0.12 Revision Date: 11-08-2022 |
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