



Product: [FYS8LBBLBBS010M](#)

Y OS2 8F LC\_SX/A LC\_SX/A 10M A-A OFNP 900x1.0xIL 900x1.0xIL

### Product Description

FX OPTITUFF MINI TRUNK, OS2, 8 FIBERS, LC SIMPLEX/APC (900UM x 1.0M x IN-LINE) - LC SIMPLEX/APC (900UM x 1.0M x IN-LINE), A-TO-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:         | 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 Simplex/APC | Plastic          | Green         | Zirconia Ceramic | Rubber        | Green      |
| Connector B (Outside End) | LC Simplex/APC | Plastic          | Green         | Zirconia Ceramic | Rubber        | Green      |

##### Fan-out (Legs)

| Description               | Transition | Length (m) | Diameter | Geometry |
|---------------------------|------------|------------|----------|----------|
| Connector A (Inside End)  | LPM        | 1.0 m      | 900 µm   | In-Line  |
| Connector B (Outside End) | LPM        | 1.0 m      | 900 µm   | 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

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

#### Fiber Connector Performance

| Description               | Connector Type | Max. Insertion Loss | Min. Return Loss |
|---------------------------|----------------|---------------------|------------------|
| Connector A (Inside End)  | LC Simplex/APC | 0.25 dB             | 65 dB            |
| Connector B (Outside End) | LC Simplex/APC | 0.25 dB             | 65 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

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

#### History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.7 Revision Date: 05-31-2024 |
|----------------------|--|

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