



**Product:** [A512LDFLDFPxxxM](#)

OM5 12F LC\_Dx LC\_Dx xxxM OFNP JKTx1.0xIL JKTx1.0xIL

### Product Description

FX MULTI-FIBER TRUNK, OM5, 12 FIBERS, LC DUPLEX (JACKETED x 1.0M x IN-LINE) - LC DUPLEX (JACKETED x 1.0M x IN-LINE), OFNP, xxx M, 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 | Ferrule          | Boot Material | Boot Color |
|---------------------------|-----------|------------------|---------------|------------------|---------------|------------|
| Connector A (Inside End)  | LC Duplex | Plastic          | Lime Green    | Zirconia Ceramic | Rubber        | Lime Green |
| Connector B (Outside End) | LC Duplex | Plastic          | Lime Green    | Zirconia Ceramic | Rubber        | Lime Green |

#### Fan-out (Legs)

| Description               | Transition | Length (m) | Diameter | Geometry |
|---------------------------|------------|------------|----------|----------|
| Connector A (Inside End)  | LPM        | 1.0 m      | 2.0 mm   | In-Line  |
| Connector B (Outside End) | LPM        | 1.0 m      | 2.0 mm   | In-Line  |

#### Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 4.8 mm           | Lime Green   |

#### Measurement

| Overall Assembly Length |
|-------------------------|
| xxx meters              |

#### 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 40.1 meters |                 |

#### Armor Specifications

|                          |          |
|--------------------------|----------|
| Armor Type and Material: | No 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      | 0.15 dB             | 30 dB            |
| Connector B (Outside End) | LC Duplex      | 0.15 dB             | 30 dB            |

#### Mechanical Characteristics

|                                       |                |
|---------------------------------------|----------------|
| Pulling Eye Type:                     | FX Pulling Eye |
| Pulling Eye Location:                 | Outside End    |
| Pulling Eye Tension:                  | 100 lbs        |
| Min. Bend Radius During Installation: | 15x Cable OD   |
| Min. Bend Radius During Operation:    | 10x 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, FT6                        |
| 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: 0.8 Revision Date: 04-08-2022 |
|----------------------|--|

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