



**Product:** [FP1SDSDxxxM](#)



**FXPC OM1 SC\_DX SC\_DX xxxM OFNR DX\_3.0 A-B OR\_JKT**

## Product Description

FX PATCH CORD, OM1, SC DUPLEX - SC DUPLEX, xxx M (LENGTH IN METERS), OFNR, DUPLEX ZIP 3.0 MM, A-TO-B, ORANGE JACKET

## Technical Specifications

### Product Overview

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

### Fiber Specifications

|                      |             |
|----------------------|-------------|
| Fiber Type:          | OM1         |
| Fiber Core Diameter: | 62.5/125 µm |
| Fiber Count:         | 2           |
| Fiber Color Coding:  | TIA-598-D   |

### Physical Specifications

#### Connectors

| Description               | Type      | Housing Material | Housing Color | Ferrule          | Boot Material | Boot Color |
|---------------------------|-----------|------------------|---------------|------------------|---------------|------------|
| Connector A (Inside End)  | SC Duplex | Plastic          | Beige         | Zirconia Ceramic | Rubber        | Beige      |
| Connector B (Outside End) | SC Duplex | Plastic          | Beige         | Zirconia Ceramic | Rubber        | Beige      |

#### Assembly Cable

| Cable Nominal OD | Jacket Color |
|------------------|--------------|
| 3.0 mm x 6.0 mm  | Orange       |

#### 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 4.9 meters | +0.3 / -0 meter |
| 5 to 40 meters    | +0.4 / -0 meter |
| over 40 meters    | +1.0% / -0%     |

### 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)  | SC Duplex      | 0.25 dB             | 30 dB            |
| Connector B (Outside End) | SC Duplex      | 0.25 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: | -40C to +75C |
| Storage Temperature Range:   | -40C to +75C |

## Standards and Compliance

|                                  |                                  |
|----------------------------------|----------------------------------|
| Environmental Suitability:       | Indoor                           |
| Flammability / Reaction to Fire: | OFNR                             |
| UL Rating:                       | Riser                            |
| 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: 0.14 Revision Date: 07-20-2023 |
|----------------------|---|

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