



**Product:** [FC3D06LDFP](#)



FX DCX Splice Cassette, OM3, 06 Ports LC Duplex with 250µm Pigtails

## Product Description

FX DCX Splice Cassette, OM3, 06 Ports LC Duplex with 250µm Pigtails, Aqua Adapters

## Technical Specifications

### Product Overview

|                        |  |
|------------------------|--|
| Environmental Space:   | Indoor   |
| Suitable Applications: | Optical Distribution Frame, Data Centers, Central Equipment Room |

### Construction

#### Fiber Cable Construction

##### Fiber Type

OM3

|                 |           |
|-----------------|-----------|
| Weight:         | 0.189 lbs |
| Overall Height: | 0.500 in  |
| Overall Width:  | 3.410 in  |
| Overall Length: | 7.200 in  |

### Physical Specifications

|               |           |
|---------------|-----------|
| Max Capacity: | 12 Fibers |
|---------------|-----------|

### Mechanical Characteristics

|                   |        |
|-------------------|--------|
| Front Connection: | Static |
|-------------------|--------|

### Temperature Range

|                              |                |
|------------------------------|----------------|
| Operating Temperature Range: | -10°C to +60°C |
| Storage Temperature Range:   | -10°C to +75°C |

### Product Material

#### Materials

| Description          | Material          | Color | Type      |
|----------------------|-------------------|-------|-----------|
| Cassette Assembly    | Plastic - UL94V-0 | Black |           |
| Front Connector Body | Plastic - UL94V-0 | Aqua  | LC Duplex |
| Adapter Sleeve       | Zirconia-Ceramic  |       |           |

### Transmission-Characteristics

#### Fiber Connector Performance

| Connector Type | Max. Insertion Loss | Min. Return Loss |
|----------------|---------------------|------------------|
| LC Duplex      | 0.25 dB             | -25 dB           |

### Standards

|                                   |     |
|-----------------------------------|-----|
| EU Directive 2011/65/EU (RoHS 2): | Yes |
|-----------------------------------|-----|

|                             |        |
|-----------------------------|--------|
| MII Order #39 (China RoHS): | EUP 50 |
|-----------------------------|--------|

## Related Part Numbers

|                 |   |
|-----------------|---|
| Included Parts: | 250µm color coded pigtails, splice chip, splice protection sleeve,micro splice protection sleeve, cable retention rubber: 2mm & 3mm |
| Related Parts:  | DCX Frames, Modules, and Patch Panels   |

## Variants

| Item #     | Color | Connector Type |
|------------|-------|----------------|
| FC3D06LDFF | Aqua  | LC Duplex      |

## Product Notes

|            |  |
|------------|--|
| Packaging: | Individually packaged in a plastic shell. Shipped in cardboard box |
|------------|--|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.195 Revision Date: 08-12-2024 |
|----------------------|--|

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