



**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 |
| Height:    | 0.500 in  |
| Width:     | 3.410 in  |
| 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 |
|----------------------|--|

© 2024 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.