



**Product:** [FC5H12LDFS](#)

## Faceplates and Panels - FX UHD SPLICING CASSETTE

### Product Description

FX UHD CASSETTE, OM5, 12 PORTS, SPLICING, LC DUPLEX, LIME GREEN ADAPTERS

### Technical Specifications

#### Product Overview

|                        |   |
|------------------------|---|
| Environmental Space:   | Indoor  |
| Suitable Applications: | FiberExpress Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers |

#### Construction

##### Fiber Cable Construction

| Fiber Type |           |
|------------|-----------|
| OM5        |           |
| Weight:    | 0.500 lbs |
| Height:    | 1.5 in    |
| Width:     | 4.5 in    |
| Length:    | 9.08 in   |

#### Physical Specifications

|               |                               |
|---------------|-------------------------------|
| Max Capacity: | 24 Fibers, 12 LC Duplex Ports |
|---------------|-------------------------------|

#### Mechanical Characteristics

|                   |                                    |
|-------------------|------------------------------------|
| Front Connection: | Static FX UHD / 1 inch Pullout FXU |
|-------------------|------------------------------------|

#### 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      |
|----------------------|-------------------|------------|-----------|
| Adapter Sleeve       | Zirconia-Ceramic  |            |           |
| Front Connector Body | Plastic - UL94V-0 | Lime Green | LC Duplex |
| Cassette Assembly    | Plastic - UL94V-0 | Black      |           |

#### Transmission-Characteristics

##### Fiber Connector Performance

| Description | Max. Insertion Loss | Min. Return Loss |
|-------------|---------------------|------------------|
| LC Duplex   | 0.15 dB             | -30 dB           |

#### Standards

|                                   |        |
|-----------------------------------|--------|
| EU Directive 2011/65/EU (RoHS 2): | Yes    |
| MII Order #39 (China RoHS):       | EUP 50 |

## Related Part Numbers

|                |   |
|----------------|---|
| Related Parts: | FX UHD & FXU Patch Panels, FX Pigtails, FX Brilliance |
|----------------|---|

## Product Notes

|            |  |
|------------|--|
| Packaging: | Individually packaged in a plastic shell, Shipped in cardboard box (14/box)  |
| Notes:     | Splice holders are included (total of 24 splices). 3 variants of splice holders are supplied with the splice cassette, they can accommodate for the 900-900µm, the 900-250µm, the 250-250µm, and the 12F RIBBON splice protectors. Pigtails are not included, they need to be ordered separately. For additional information about this product, please contact our Technical Support group (ibdn.ts@belden.com) or your local sales representative. |

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.16 Revision Date: 02-08-2024 |
|----------------------|---|

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