

FC4U06LDMF Faceplates and Panels - FX ULTRA CASSETTE



For more Information  
please call

1-800-Belden1



General Description:

FX ULTRA CASSETTE, OM4, 06 PORTS, MPO-12 (FEMALE), LC DUPLEX, TYPE-A, ERIKA VIOLET ADAPTERS

Image

Image:

WIRING SCHEME

| Type-A Polarity |    |    |             |
|-----------------|----|----|-------------|
| Fiber position  |    |    | Fiber Color |
| 1               | 13 | 25 | Blue        |
| 2               | 14 | 26 | Orange      |
| 3               | 15 | 27 | Green       |
| 4               | 16 | 28 | Brown       |
| 5               | 17 | 29 | Grey        |
| 6               | 18 | 30 | White       |
| 7               | 19 | 31 | Red         |
| 8               | 20 | 32 | Black       |
| 9               | 21 | 33 | Yellow      |
| 10              | 22 | 34 | Violet      |
| 11              | 23 | 35 | Rose        |
| 12              | 24 | 36 | Aqua        |

| Type-A Alternate Polarity |    |    |             |
|---------------------------|----|----|-------------|
| Fiber position            |    |    | Fiber Color |
| 1                         | 13 | 25 | Aqua        |
| 2                         | 14 | 26 | Rose        |
| 3                         | 15 | 27 | Violet      |
| 4                         | 16 | 28 | Yellow      |
| 5                         | 17 | 29 | Black       |
| 6                         | 18 | 30 | Red         |
| 7                         | 19 | 31 | White       |
| 8                         | 20 | 32 | Grey        |
| 9                         | 21 | 33 | Brown       |
| 10                        | 22 | 34 | Green       |
| 11                        | 23 | 35 | Orange      |
| 12                        | 24 | 36 | Blue        |

Usage (Overall)

|                        |   |
|------------------------|---|
| Suitable Applications: | FiberExpress Ultra Solutions, Backbone, Telecommunications Room, Main Distribution Room, Data Centers |
| Related Parts:         | FX UHD & FXU Patch Panels, FX MPO Trunks  |

Physical Characteristics (Connectivity)

Capacity

|                |                               |
|----------------|-------------------------------|
| Max. Capacity: | 12 Fibers, 06 LC Duplex Ports |
|----------------|-------------------------------|

Access

|                   |                |
|-------------------|----------------|
| Front Connection: | 1 inch Pullout |
|-------------------|----------------|

Dimensions

Dimensions:

| Height (in.) | Width (in.) | Length (in.) |
|--------------|-------------|--------------|
| 1.500        | 4.500       | 6.600        |

Materials

Materials:

| Description          | Type       | Material          | Color        |
|----------------------|------------|-------------------|--------------|
| Rear Connector Body  | MPO Female | Plastic - UL94V-0 | Erika Violet |
| Adapter Sleeve       |            | Zirconia-Ceramic  |              |
| Front Connector Body | LC-Duplex  | Plastic - UL94V-0 | Erika Violet |
| Cassette assy        |            | Plastic - UL94V-0 | Black        |

Weight

|         |            |
|---------|------------|
| Weight: | 0.657 lbs. |
|---------|------------|

## FC4U06LDMF Faceplates and Panels - FX ULTRA CASSETTE

**Packaging**

**Packaging:** Individually packaged in a plastic shell, Shipped in cardboard box (14/box)

**Mechanical Characteristics (Connectivity)**

**Storage Temperature Range:** -10°C To +75°C

**Operating Temperature Range:** -10°C To +60°C

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

**EU Directive 2002/95/EC (RoHS):** Yes

**EU RoHS Compliance Date (mm/dd/yyyy):** 07/01/2006

**MII Order #39 (China RoHS):** EUP 50

**Suitability**

**Suitability - Indoor:** Yes

**Transmission Characteristics (Connectivity)****Transmission Specifications:**

| Description  | OM1 (62.5 µm) | OM2 (50 µm) | OM3 (50 µm) | OM4 (50 µm) | OS2 (Singlemode) UPC | OS2 (Singlemode) APC |
|--|---------------|-------------|-------------|-------------|----------------------|----------------------|
| Maximum IL (dB) SingleFiber Connector LC - SC - ST | 0.25 dB       | 0.25 dB     | 0.25 dB     | 0.15 dB     | 0.35 dB              | 0.35 dB              |
| Typical RL (dB) SingleFiber connector LC - SC - ST | -30 dB        | -30 dB      | -30 dB      | -30 dB      | -55 dB               | -65 dB               |
| Maximum IL (dB) MultiFiber Connector MPO           | 0.5 dB        | 0.5 dB      | 0.35 dB     | 0.2 dB      | -                    | 0.75 dB              |
| Typical RL (dB) MultiFiber Connector MPO           | -30 dB        | -30 dB      | -30 dB      | -30 dB      | -                    | -60 dB               |

**Notes (Overall)**

**Notes (Cont'd.):** "Please refer to the label on the back of the cassette for appropriate front port number configuration."

**Product Family****Put Ups and Colors:**

| Item #     | Putup | Ship Weight | Color | Notes | Item Desc                 |
|------------|-------|-------------|-------|-------|---------------------------|
| FC4U06LDMF | 1 EA  | 0.657 LB    |       |       | FXU CASS OM4 06P MPO12(F) |

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