

FC4H18LDMF1E Faceplates and Panels - FXU CASSETTE



For more Information
please call

1-800-Belden1



General Description:

FX UHD CASSETTE, OM4, 18 PORTS, MPO-12 (FEMALE), LC DUPLEX, TYPE-A ALTERNATE, 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 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: | 36 Fibers, 18 LC Duplex Ports |
|----------------|-------------------------------|

Access

| | |
|-------------------|---------------|
| Front Connection: | Static FXU HD |
|-------------------|---------------|

Dimensions

Dimensions:

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

Materials

Materials:

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

Weight

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

Packaging

FC4H18LDMF1E Faceplates and Panels - FXU CASSETTE

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

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|-------|-------------|-------|-------|------------------------------|
| FC4H18LDMF1E | 1 EA | 0.657 LB | | | FX UHD CASS OM4 18P MPO12(F) |

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