

# FDC® Unit Connector Housings

An Evolant™ Solutions Product

Corning  
Cable Systems

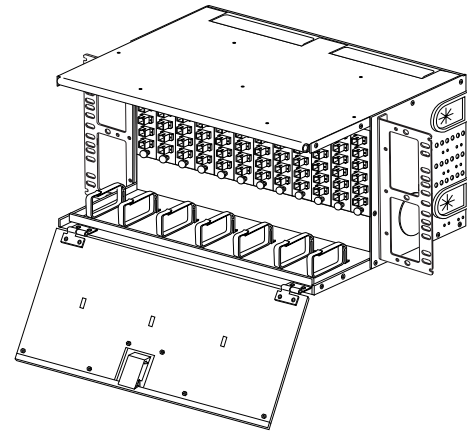
## Description

Corning Cable Systems' Connector Housings provide inter-connect or cross-connect capabilities between the outside plant (OSP) riser or distribution cables and the opto-electronics. The connector housings can be rack-mounted in standard 19-in (48 cm) or 23-in (58.4 cm) equipment racks and are available in a variety of fiber capacities.

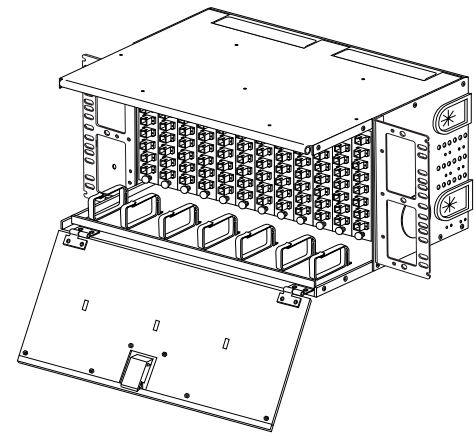
Connector housings can be ordered with loaded adapter panels or preconnectorized panels or modules for both multimode and single-mode applications. Multiple units can be added as needed to construct a fiber distribution frame for high-fiber-count applications. Labels are provided for documentation.

## Features / Benefits

- 19-in or 23-in rack-mount option or wall-mountable with optional kit
- Used as a component of Corning Cable Systems' Fiber Distribution Frame
- Field-connectorization or pigtail splicing in conjunction with Splice Module Housings
- Suitable for loose tube, tight-buffered and ribbon cables
- Frontal projection of 4.25 in (10.8 cm) or flush-mounted with an optional kit
- Smoke-tinted front door, removable hinged front and rear doors
- Accepts Corning Cable Systems FDC® unit connector panels, jumper storage modules and connector modules
- Front and rear door slide latches for easier access
- Flipcard for easier record keeping
- Larger routing guides for better jumper management
- More open design for easier connector access



FDC-CMH-072 Equipped with Optional  
6-Fiber SC Panels | Drawing CPC-220/5/22



FDC-CMH-096 Equipped with Optional  
8-Fiber SC Panels | Drawing CPC-220/5/23

## Specifications and Ordering Information

| Part Number                       | Description  | Dimensions (H x W x D) in (cm)            | Shipping Weight lb (kg) |
|-----------------------------------|--|---|-------------------------|
| <b>Connector Housings – Empty</b> |  |   |                         |
| FDC-CMH-024                       | FDC® Unit Connector Housing; accepts four 6-in panels or modules or eight jumper storage modules | 5.2 x 17.0 x 11.0<br>(13.3 x 43.2 x 28.0) | 14.0<br>(6.3)           |
| FDC-CMH-072*                      | FDC Unit Connector Housing; accepts 12 6-in panels or modules or 24 jumper storage modules       | 8.7 x 17.0 x 11.0<br>(22.2 x 43.2 x 28.0) | 15.0<br>(6.8)           |
| FDC-CMH-096                       | FDC Unit Connector Housing; accepts 12 7.5-in panels (FDC-CP8P) or modules (FDC-CP18) only       | 8.7 x 17.0 x 11.0<br>(22.2 x 43.2 x 28.0) | 15.0<br>(6.8)           |
| FHC-CMH-144                       | FDC Unit Connector Housing; accepts 12 7.5-in, 12-fiber panels – SC, FC only                     | 8.7 x 17.0 x 11.0<br>(22.2 x 43.2 x 28.0) | 15.0<br>(6.8)           |

\* Note: The FDC-CMH-072 may be configured for 144 fibers using 12-fiber FDC unit panels and SC connectors only.

## Connector Housings – with Adapters

|                |   |  |
|----------------|---|--|
| FDC - CMH - 72 | <input type="checkbox"/> <input type="checkbox"/><br><b>1</b> | 72-fiber capacity FDC Unit Housing (FDC-CMH-072) with 12 6-fiber panels equipped with specified adapter type     |
| FDC - CMH - 96 | <input type="checkbox"/> <input type="checkbox"/><br><b>1</b> | 96-fiber capacity FDC Unit Housing (FDC-CMH-096) with 12 8-fiber panels equipped with specified adapter type     |
| FDC - CMH - E4 | <input type="checkbox"/> <input type="checkbox"/><br><b>1</b> | 144-fiber capacity FDC Unit Housing (FDC-CMH-072) with 12 12-fiber panels (available with SC adapter types only) |
| FD5 - CMH - 24 | <input type="checkbox"/> <input type="checkbox"/><br><b>1</b> | 24-fiber capacity FDC Unit Housing (FDC-CMH-024) with four 6-fiber panels equipped with specified adapter type   |

### 1 Select adapters.

#### ST® Compatible

- 15 = ST compatible, ceramic insert, multimode, composite housing
- 15T = ST compatible, ceramic insert, multimode, composite housing, threaded bulkhead mount
- 19 = ST compatible, ceramic insert, single-mode, composite housing
- 19T = ST compatible, ceramic insert, single-mode, composite housing, threaded bulkhead mount
- 25 = ST compatible, composite insert, multimode, composite housing
- 25T = ST compatible, composite insert, multimode, composite housing, threaded bulkhead mount

#### SC

- 38 = SC, phosphor bronze insert, single-mode
- 3C = SC, ceramic insert, single-mode
- 39 = SC, phosphor bronze insert, multimode
- 56 = SC, composite insert, multimode
- 6C = SC, for Angled Polish Connectors (APC), ceramic insert, single-mode

#### SC Duplex

- 57 = 568SC (SC duplex), phosphor bronze insert, multimode, plastic housing
- 59 = 568SC (SC duplex), ceramic insert, single-mode, plastic housing
- 91 = 568SC (SC duplex), composite insert, multimode, plastic housing

#### MT-RJ

- 97 = MT-RJ multimode
- 98 = MT-RJ single-mode

## Ordering Information (continued)

### Accessories

| Part Number                   | Description   |
|-------------------------------|---|
| <b>Jumper Storage Modules</b> |   |
| FDC-JSM                       | Set of two Jumper Storage Modules to fit FDC-CMH-072 or FDC-CMH-024 (each set of two fills the space of one connector panel or module); 5-meter slack capacity per module |
| FDC-JSH-24                    | 8.75-in-tall (22.2 cm) Jumper Storage Housing; includes 24 individual jumper storage modules; 5-meter slack capacity per module   |
| <b>Additional Items</b>       |   |
| FD5-WALLBKT                   | Wall Mounting Kit for 5.25-in-tall housings   |
| FDC-CMH-WALLBKT               | Wall Mounting Kit for 8.75-in-tall housings   |
| FDC-FLSHMNT-SM                | Flush Mounting Kit for 5.25-in-tall housings  |
| FDC-FLSHMNT-LG                | Flush Mounting Kit for 8.75-in-tall housings  |
| FDC-FRTDR-LX-L                | Front Door with Lock Kit, plastic door, for 8.75-in-tall housings   |
| FDC-FRTDR-MT-L                | Front Door with Lock Kit, metal door, for 8.75-in-tall housings   |
| FDC-SIDEPNL-LG                | Side Panels to enclose 8.75-in FDC® unit housing; kit includes two panels   |
| FDC-SIDEPNL-SM                | Side Panels to enclose 5.25-in FDC unit housing; kit includes two panels  |
| FDC-UCC                       | Universal Cable Clamp Kit with FDC unit mounting bracket  |
| FDC-PNL-KIT                   | Kit for -072 to -096 conversion or vice versa   |
| FD5-FRTDR-LX-L                | Front Door with Lock Kit, plastic door, for 5.25-in-tall housings   |
| FD5-FRTDR-MT-L                | Front Door with Lock Kit, metal door, for 5.25-in-tall housings   |

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