

FDC® Unit Connector Housings

A LANscape® Solutions Product

Corning
Cable Systems

Applications

- Rack-mount, 19-in or 23-in option or wall-mountable with optional kit
- Termination of backbone cables at main or intermediate cross-connect (72-fiber version); termination of horizontal cables at horizontal cross-connect (96-fiber version)
- Used as a component of Corning Cable Systems' Fiber Distribution Frame
- Field-connectorization or pigtail splicing in conjunction with Splice Module Housings

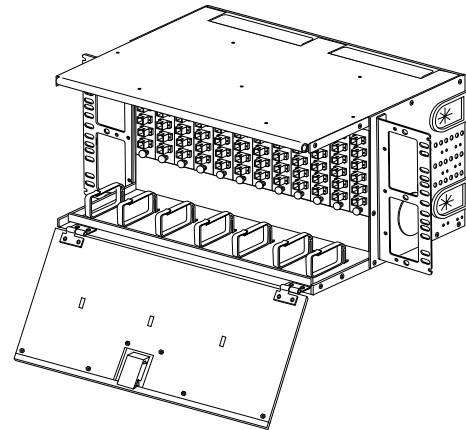
Description

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.

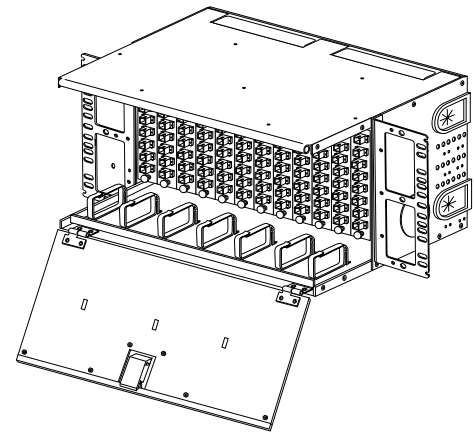
Connector housings can be ordered with connector panels or prewired panels or modules for both multimode and single-mode applications. Labels are provided for documentation and units can be added as needed to construct a fiber distribution frame for high-fiber-count applications.

Features / Benefits

- Ideal for field connectorization
- 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
- Single cabinet construction
- Brackets included for mounting in standard 19-in (48 cm) or 23-in (58 cm) equipment racks
- Smoke-tinted front door
- Accepts Corning Cable Systems FDC® Unit connector panels, jumper storage modules and connector modules
- Removable hinged front and rear doors
- 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

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Specifications and Ordering Information

| Part Number | Description | Dimensions (H x W x D) cm (in) | Shipping Weight kg (lb) |
|-----------------------------------|--|---|-------------------------|
| Connector Housings – Empty | | | |
| FDC-CMH-024 | FDC® Unit connector housing; accepts four 6-in panels or modules or eight jumper storage modules | 13.3 x 43.2 x 28.0 (5.2 x 17.0 x 11.0) | 6.3 (14.0) |
| FDC-CMH-072¹ | FDC Unit connector housing; accepts 12 6-in panels or modules or 24 jumper storage modules | 22.2 x 43.2 x 28.0 (8.7 x 17.0 x 11.0) | 6.8 (15.0) |
| FDC-CMH-096 | FDC Unit connector housing; accepts 12 7.5-in panels (FDC-CP8P) or modules (FDC-CP18) only | 22.2 x 43.2 x 28.0 (8.7 x 17.0 x 11.0) | 6.8 (15.0) |

Note:

¹The FDC-CMH-072 may be configured for 144 fibers using 12-fiber FDC Unit panels.

Connector Housings – With Adapters

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

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



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LANscape®
Fiber Cabling Solutions for Premises Networks

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Ordering Information *(continued)*

| Part Number | Description |
|-------------------------------|---|
| Accessories | |
| Jumper Storage Modules | |
| 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 (22.2 cm) tall jumper storage housing; includes 24 individual jumper storage modules; 5-meter slack capacity per module |
| Additional Items | |
| 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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