

ClearCurve™ Fiber Distribution Terminal (FDT)

An Evolant® MDU Solutions Product

Description

The ClearCurve™ Fiber Distribution Terminal (FDT) is a small, simple, rugged interconnect between the fiber optic distribution network and drop cables, ideally suited for fiber-to-the-multidwelling unit (MDU) and fiber-to-the-business (FTTB) applications.

The terminal can be mounted directly to any wall surface or pole in either indoor or outdoor applications, making it ideal for both high-rise and garden-style apartment applications. The ClearCurve FDT is preterminated on the distribution side with outside plant or indoor/riser-rated cable stubs enabling simple and quick connection to the fiber plant and maximum flexibility with a single product.

The ClearCurve FDT features a separate mounting plate which allows quick and easy mounting by one person without the risk of damaging factory-terminated cables. The terminal engages onto this plate and is locked into place when the cover is in place. This unique feature also hides the mounting hardware, making the unit more attractive and preventing unauthorized removal of the terminal.

The terminal cover seals to Telcordia 771 standards without the need for grommets, making the unit easy to use and ensuring maximum protection of fiber components and product lifetime. The cover pulls straight off the unit and is tethered to the base, minimizing the footprint needed to mount and operate the unit and enabling the service provider to deploy it in the most challenging and space constrained overbuild applications.

Individual drop cable entries are sealed with grommets which double as strain-relief. The individual entries enable drop cables to be placed either at initial installation or incrementally over time as subscribers are added.



ClearCurve Fiber Distribution Terminal
(closed, with skirt) | Photo CCV004



ClearCurve Fiber Distribution Terminal
(open, without skirt) | Photo CCV006



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Description (continued)

Drop cables can be factory terminated or field installed. A clearly labeled, easily accessible SC adapter panel enables service connection for 12 or 24 drop cables. Routing within the unit is simple, minimizing subscriber turn-up time and eliminating the need for complex storage and management systems.

An optional skirt is available to cover and secure drop cables and microducts without compromising the seal of the unit. This innovative feature saves the installer time and money by eliminating the need for additional NEMA and conduit hardware.

Overall, the ClearCurve™ Fiber Distribution Terminal provides installers with a low-profile, easy-to-use, aesthetically pleasing solution for even the most challenging MDU deployments.



ClearCurve Fiber Distribution Terminal | Photo CCV005

Features / Benefits

- 12- and 24-fiber capacity
- Minimal footprint/depth, making it easy to find a mounting location in space-constrained deployments
- Separate mounting plate and preterminated distribution stub allow easy, fast, risk-free installation
- Aesthetically superior and tamper-proof design with hidden mounting hardware
- Optional skirt provides up to 12 in of coiled slack and eliminates extra hardware, conduit and fittings for microduct transition or wall exits
- Individual drop entries allow the deferment of drops until subscriber turn-up
- Drop installation is quick and easy using entry grommets which double as the strain-relief
- Engineering-grade thermoplastic housing is corrosion resistant, impact resistant and flame retardant
- Terminals are designed and tested to applicable sections of Telcordia GR-771

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Specifications

Configuration	Wall or pole mount
Subscriber Connections	12 or 24
Door	Removable cover with lanyard
Height	10.5 in
Height with Skirt	14.5 in
Width	8 in
Depth	6 in
Weight	5 lb
Connectors	SC APC
Distribution	Stubbed
Drops	Direct connect to preconnectorized input with factory-installed or field-installed connectors on drop cable
Standard Color	Gray

Ordering Information

Contact Corning Cable Systems Customer Service Representative for other options.

FDT 6C - 00 P
1 2 3 4 5

1 Select input cable fiber count.

- 12 = 12 fibers
- 24 = 24 fibers

2 Select cable length.

- 31 = 100 ft
- 92 = 300 ft
- F3 = 500 ft

3 Select number of ports.

- 12 = 12 ports
- 24 = 24 ports

4 Select cable type.

- C4 = SST-Ribbon™ Dielectric Cable with ClearCurve™ fiber
- C7 = Ribbon Riser Cable with ClearCurve fiber
- W4 = ALTOS® Dielectric Cable with ClearCurve fiber
- D8 = MIC® 250 Cable with ClearCurve fiber

5 Select drop cable entry size.

- A = 4.8 mm
- B = 2.9 mm

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Accessories

Part Number	Description
FDT-SKIRT-KIT	Skirt Kit includes mounting plate extension and cover; a 2 in knockout in the extension allows for transition from behind the terminal via microduct or cable; (3) 1.25 in knockouts and (1) 4 in knockout in skirt provide entry for distribution and drop cables from the bottom of the terminal and are designed for use with standard conduit
FDT-SPACER-KIT	Kit includes 100 Deltec spacers; spacers may be stacked behind the terminal at each mounting hole to provide space for microduct to transition
FDT-GROMMETA-KIT	Kit includes 100 drop cable entry grommets for use with 4.8 mm drop cable; kit may be used for lost or damaged grommets
FDT-GROMMETB-KIT	Kit includes 100 drop cable entry grommets for use with 2.9 mm drop cable; kit may be used for lost or damaged grommets



Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-901-5973 • International: +1-828-901-5000 • www.corning.com/cablesystems

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