



CORNING

FDC Fiber Dome Closure

A below-grade closure designed for up to 864 fusion splices.

FTTx Architecture

Whether your fiber-to-the-home (FTTH) network design has closures in a below-ground or aerial environment, one thing remains the same: you need assured environmental protection and quick, incremental subscriber drops. From our experience in the field, we know that not all closures are the same. The FDC family offers extensive installation versatility – below grade and aerial – along with multiple sizes that fit most butt/branch splicing configurations. Designed for easy installation and multiple re-entries in hot, dry, humid, and cold climates.

Where does the FDC series fit within an optical communications network?

- Manhole
- Strand
- Pole

Below-Grade Closures | FDC Fiber Dome



Closure Shell

- Four models available for various applications
- Doubles as terminal with spliced drops or preterminated ECAM connector ports
- Features a fixed O-ring sealing system along with an innovative latching mechanism

Cable Information

- **Maximum Cable Ports:** 8 (8M-A), 3 (8S-B), 5 (8S-C), 8 (8S-C), 7 (10S), 5 (12S)
- **Single-Fiber Splices (Loose Tube):** 72 (FDC08M), 96 (FDC08S), 288 (FDC10S), 576 (FDC12S)
- **Mass Fusion Splices (Ribbon):** 144 (FDC08M), 288 (FDC08S), 432 (FDC10S), 864 (FDC12S)
- Butt-cable entry style
- External Cable Assembly Module (ECAM) System
 - **Simple field installation:** easy to add or remove cables without breaking previously installed cable seals
 - **Drop on demand:** no need to carry inventory of different lengths of drops
 - **Plug-and-play:** reduces install time and labor costs, since the cable preparation and installation are completed outside of the closure body
- Ideally suited for, but not limited to, ALTOS® loose tube cable or SST-UltraRibbon™ cable

Additional Features and Benefits

- Tested against GR-771
- Accommodates splitters and other optical devices
- No special tools required
- Stacked or hinged tray options with modular splice holders

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Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC 28216 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

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