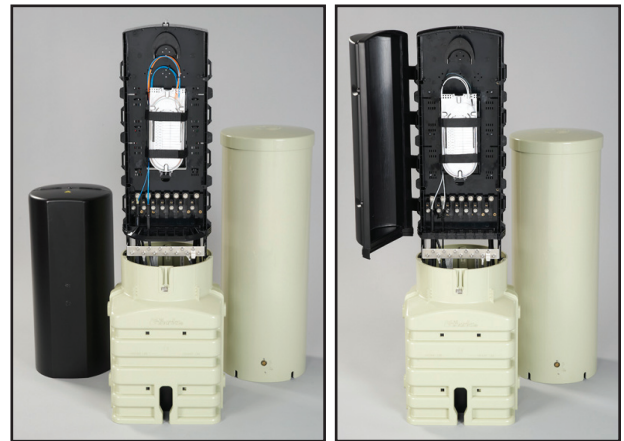


# Charles Fiber Distribution Points™ (CFDP)

**Closed architecture fiber pedestals feature an “enclosure within an enclosure” design for superior environmental protection.**

Charles Fiber Distribution Points (CFDP) offer two-stage environmental protection of fiber optic loop distribution cable and customer service drops in FTTP deployments. This two-stage protection is accomplished by housing a weather-tight interior enclosure within the confines of a non-metallic buried distribution pedestal. CFDP-EPS pedestals feature an inner and outer dome, while CFDP-ELS pedestals offer an “enhanced security” outer dome and two inner compartments with locking doors. These “enclosure within an enclosure” combinations are designed to exceed Telcordia GR-771-CORE specifications and provide an unbeatable line of defense against the elements, flooding, fire, dirt, debris, insects, and corrosion.



**CFDP210-EPS  
(Inner Dome)**

**CFDP210-ELS  
(Inner Doors)**

CFDP are designed to provide the user with maximum flexibility in splicing techniques. They can accommodate loop-through and stub-out distribution cable, ribbon and loose buffer tube type cable, branch and drop splices, and fiber slack storage. CFDP pedestals are available in 4”, 6”, 8”, 10” and 12” pedestal diameters, accommodating 6-24 cable drops per pedestal.

**CFDP make protecting fiber splices and storing slack cable as easy as 1-2-3!**

**1)**

Central office cables are spliced to branch and drop cables within the free breathing, weather-tight interior enclosure. All cable ports are sealed by rubber grommets.



**2)**

The interior enclosure is sealed with a top-locking dome, creating a weather-tight seal that keeps out moisture, dirt, and debris. CFDP-EPS is shown (inner dome), CFDP-ELS (inner doors) also available



**3)**

A self-locking exterior dome is then placed over the interior enclosure, creating a flood barrier and an additional layer of protection against the elements.



## Product Features

- Interior weather-tight enclosure provides mechanical and environmental protection of splice and cable storage areas
- Lift-off outer dome with self-locking mechanism ensures secure attachment to the base and creates a patented “Bell-Jar Effect” that provides outstanding flood protection
- Pedestal is constructed of non-metallic PVC to resist rust, corrosion, and impact. Internal equipment is protected from floods, fires, and wind-blown dust and debris
- 8 D-Clips included per pedestal for ribbon fiber. Optional ribbon fiber accessories available
- Flexible fiber organizer design allows splicing on one or both sides, cable management, removable bond bar, strength member clamps and bend radius controls
- Two-piece “split” base makes it easy for technicians to place the pedestal without having to “squeeze” in loop-through cable, preventing bend radius damage during installation
- Expanded-capacity base easily accommodates conduit bundles and increases stability in all soil types. Vault mount bases also available

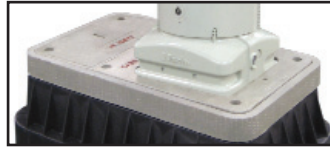
## Enhanced-Security Option (CFDP-ELS)

An Enhanced-Security option (ELS) is available for CFDP in diameters 6" and above. This option divides distribution and drop sides into two separate compartments. The Enhanced-Security option is designed for those service providers that prefer to restrict access between splicers and service installers. Both compartments retain their weather-tight properties.



## Vault Mount Option

All CFDP pedestals 6" and above are available in a vault mount configuration fitting on most handhole manufacturers' lids. Add a "V" suffix after designated square base character ("E") of part number to include a vault mount base & hardware.



## Ribbon Fiber Accessories

The following accessories are available for ribbon fiber splicing applications:

**Part #97-RIBNTRAY144**  
Tyco® FOSC A/B ribbon splice tray (144 fibers), 1 each

**Part #97-RIBNTUBEKIT**  
3M® ribbon transportation tube kit, 3 ft., 10 each

**Part #97-RIBNCLIPKIT**  
Ribbon saddle clip kit, 40 each

Tyco is a registered trademark of the Tyco Electronics Corporation. 3M is a registered trademark of 3M Worldwide.

## Product Specifications

### CFDP-EPS STANDARD CONFIGURATION (INNER DOME)

| Part Number                                | CFDP 4-OPS                        | CFDP206-EPS  | CFDP208-EPS  | CFDP210-EPS             |
|--|-----------------------------------|--------------|--------------|-------------------------|
| Diameter                                   | 4" (round base)                   | 6"           | 8"           | 10"                     |
| Large Cable Ports (1" dia. max)            | 1                                 | 3            | 4            | 6                       |
| Small Cable Drop Ports (5/8" dia. max)     | 6                                 | 8            | 12           | 14                      |
| 12 Fiber Ribbon Storage (Opening 12ft±2ft) | N/A                               | 12 Feed Side | 24 Feed Side | 72 Feed Side            |
| Loose Tube Storage (Opening 12ft±2ft)      | N/A                               | 8 Feed Side  | 12 Feed Side | 24 Feed Side            |
| Splice Tray Capacity*                      | 1 (4"x9")                         | 4 (4"x9")    | 4 (4"x9")    | 7 (4"x9") or 5 (6"x15") |
| Maximum Splice Capacity**                  | 12 Fibers per Tray                | 12           | 48           | 48                      |
|  | 24 Fibers per Tray                | 24           | 96           | 96                      |
|  | 48 Fibers per Tray                | N/A          | N/A          | N/A                     |
|  | 144 FOSC A/B Fiber Ribbon Tray*** | N/A          | 144          | 288                     |

### CFDP-ELS ENHANCED SECURITY OPTION (SEPARATE DISTRIBUTION AND DROP COMPARTMENTS)

| Part Number                                | CFDP206-ELS                       | CFDP208-ELS         | CFDP210-ELS         | CFDP12-ELS              |
|--|-----------------------------------|---------------------|---------------------|-------------------------|
| Diameter                                   | 6"                                | 8"                  | 10"                 | 12"                     |
| Large Cable Ports (1" dia. max)            | 3                                 | 4                   | 6                   | 4                       |
| Small Cable Drop Ports (5/8" dia. max)     | 8                                 | 12                  | 14                  | 24                      |
| 12 Fiber Ribbon Storage (Opening 12ft±2ft) | 12 Feed Side                      | 24 Feed Side        | 72 Feed Side        | 72 Feed Side            |
| Loose Tube Storage (Opening 12ft±2ft)      | 6 Feed Side                       | 9 Feed Side         | 24 Feed Side        | 24 Feed Side            |
| Splice Tray Capacity*                      | Drop Side                         | 4 (4"x9")           | 4 (4"x9")           | 5 (4"x9") or 3 (6"x15") |
|  | Feed Side                         | 2 (4"x9")           | 2 (4"x9")           | 4 (4"x9") or 2 (6"x15") |
| Maximum Splice Capacity**                  | 12 Fibers per Tray                | 24 Feed / 48 Drop   | 24 Feed / 48 Drop   | 48 Feed / 60 Drop       |
|  | 24 Fibers per Tray                | 48 Feed / 96 Drop   | 48 Feed / 96 Drop   | 96 Feed / 120 Drop      |
|  | 48 Fibers per Tray                | N/A                 | N/A                 | 96 Feed / 144 Drop      |
|  | 144 FOSC A/B Ribbon Fiber Tray*** | 144 Feed / 144 Drop | 144 Feed / 288 Drop | 144 Feed / 288 Drop     |

#### Notes:

- \* CFDP pedestals ship with one 4"x9" splice tray included. Order part #97-FIBR24TRAY for additional trays.
- \*\* Maximum splice capacities shown are for cable-to-cable splices. Overall splice capacity is reduced as drop splices are introduced. For drop splices, Charles recommends using a 12 Fiber Tray with a maximum of 6 drops per tray.
- \*\*\* Capacities shown achieved using FOSC A/B Ribbon Fiber Tray(s). See ribbon fiber accessory list at top of page.



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Charles Industries, Ltd.  
Telecommunications Group  
5600 Apollo Drive  
Rolling Meadows, IL 60008 USA

Voice: (847) 806-6300  
FAX: (847) 806-6231  
E-mail: [mktsterv@charlesindustries.com](mailto:mktsterv@charlesindustries.com)



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