

Amphenol Charles Fiber Distribution Point (CFDP) Interconnect Pedestals provide pre-connectorized "interconnect panel" fiber drops to multiple broadband service customers at a fraction of the cost of Light Guide Cross-Connect (LGX) solutions. This pedestal is ideal for multi-tenant cell site, campus or strip mall environments where the customer requires high-capacity fiber bandwidth for wireless backhaul, private networks or data and video broadband services. With a built-in SC/APC or SC/UPC adapter bulkhead, Interconnect pedestals facilitate fast and easy provisioning of fiber services to the end customer's fiber multiplexing equipment. Fiber drops can be turned up, moved or disconnected on an "as needed" basis, giving telecom service providers added flexibility in their efforts to provide broadband voice, data & video services to customers whose bandwidth requirements may change seasonally or due to major events.

CFDP Pedestals offer two-stage environmental protection of fiber distribution points. This protection is accomplished by housing a weather-tight interior enclosure within the confines of a non-metallic buried distribution pedestal. Together, this "enclosure within an enclosure" combination is designed to exceed Telcordia GR-771-CORE specifications and provide an unbeatable line of defense against the elements, including floods, fire, dirt, debris, insects, and corrosion.

#### MARKETS SERVED:

- Telecom / FTTH
- Utility
- Wireless
- Broadband Cable



CFDP206-EL08

CFDP208-EL12

#### FEATURES

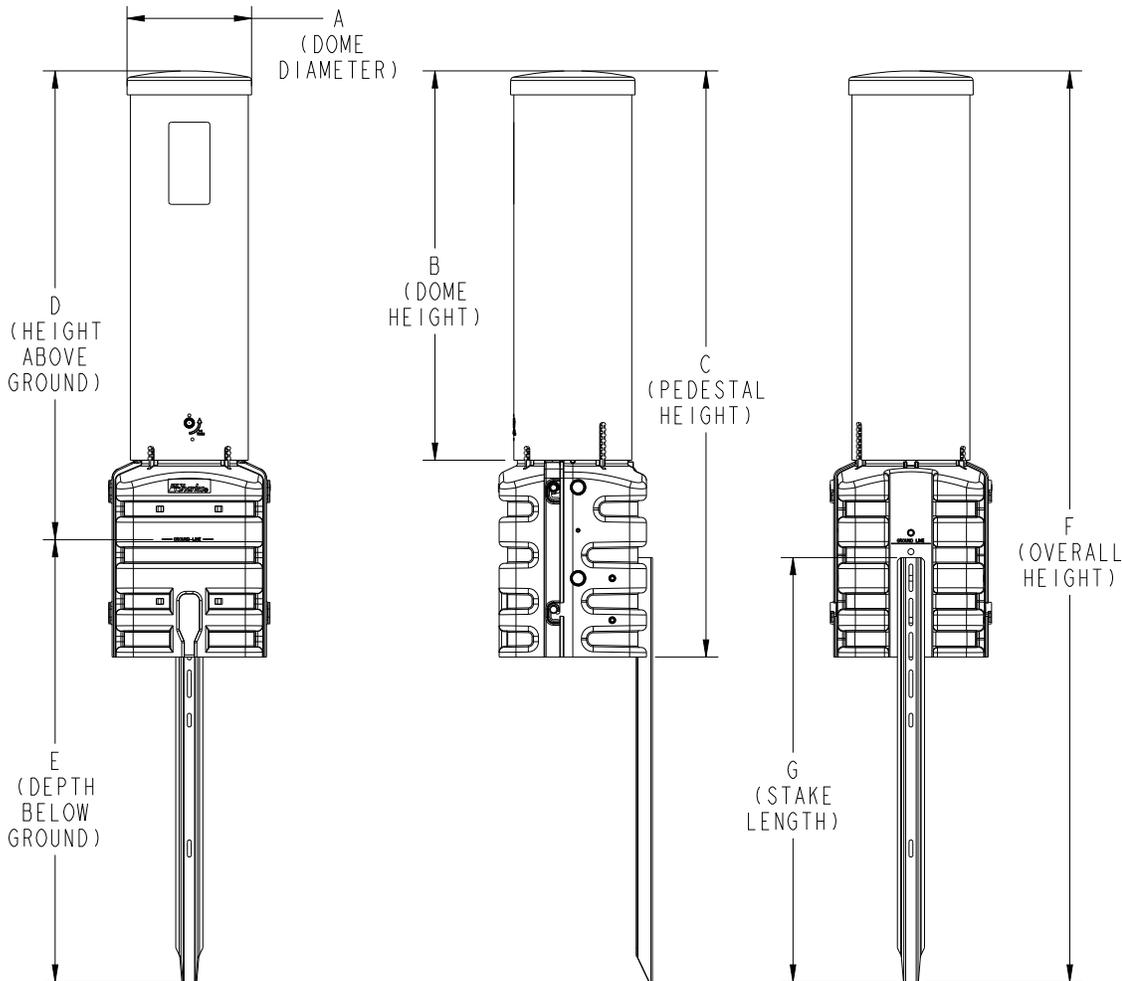
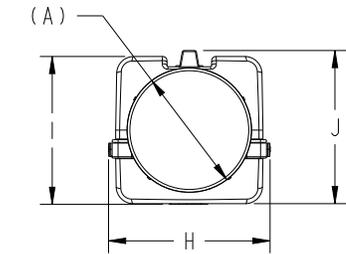
- Interior weather-tight enclosure separates distribution and drop side compartments and provides mechanical and environmental protection of splice trays and bulkhead adapters
- Lift-off outer dome with self-locking mechanism ensures secure attachment to the base and creates a patented "Bell-Jar Effect" 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 & debris
- Central Office side of fiber organizer includes bulkhead adapters, splice tray basket with one splice tray, cable management guides, distribution cable entry grommets, ground wire posts and strength member clamps
- Optional SC/APC or SC/UPC 900-micron, color coded fiber cable is available for Central Office side bulkhead splicing
- Drop side of fiber organizer features bulkhead adapters, cable management guides, drop cable entry grommets, ground wire posts and strength member clamps
- Two-piece "split" base makes it easy for technicians to place the pedestal without having to "squeeze" in loop-through cable, preventing cable bend radius damage during installation
- Expanded-capacity base easily accommodates conduit bundles and increases stability in most soil types

# Product Dimension

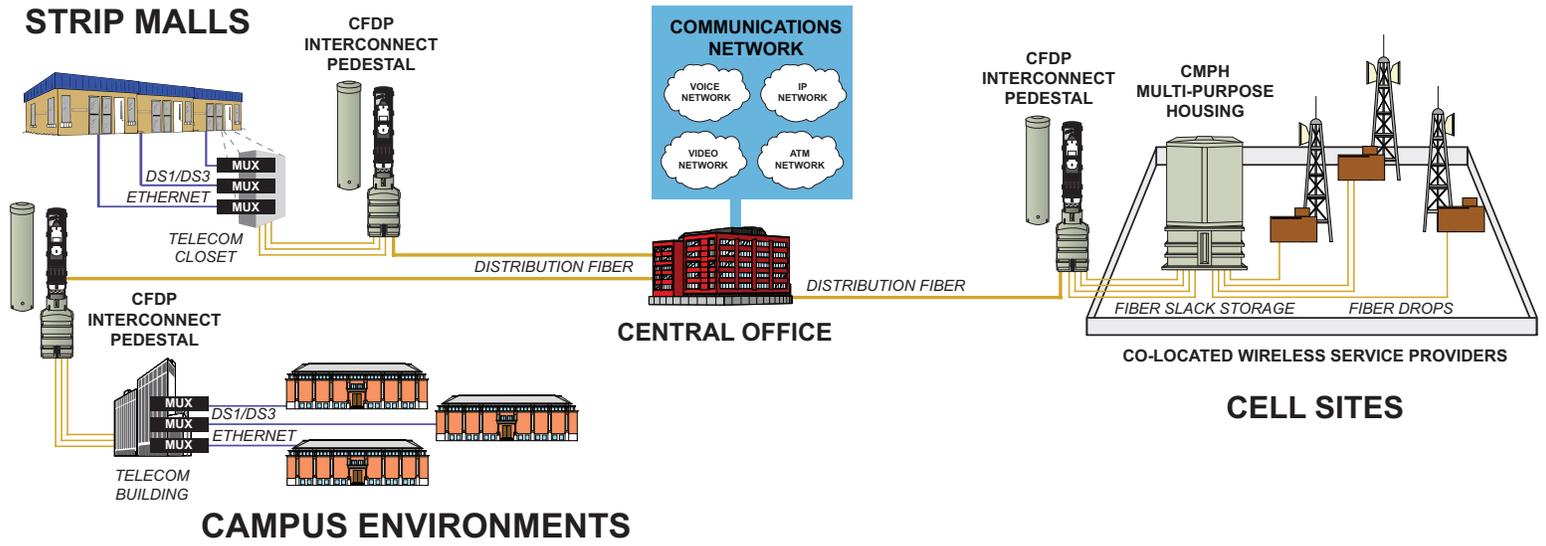
## Series 2 Split Base with Stake Dimensions

All dimensions are in inches

Size	A	B	C	D	E	F	G	H	I	J
6	7.4	35.95	50.35	41.75	31.3	73.15	31	10.8	9.8	9.9
8	9.1	35.65	50.05	41.45	31.4	72.85	31	11.8	10.8	10.9
10	11.7	34.7	49.6	41	31.4	72.4	31	13.8	12.8	12.9
12	13.4	36.05	50.95	42.35	31.3	73.65	31	16.1	15.1	15.1



# Applications



# Product Specifications

Diameter		6"	8"	10"	12"
Large Cable Ports (1" dia.)		3	4	6	6
Small Cable Drop Ports (.625" dia.)		8	12	14	24
12 Fiber Ribbon Storage (Opening 12ft±2ft)		12 Ribbons	24 Ribbons	72 Ribbons	72 Ribbons
Loose Tube Storage (Opening 12ft±2ft)		6 Tubes	12 Tubes	24 Tubes	24 Tubes
Splice Tray Capacity*		2 C.O. / 4 Drop (4"x9")	2 C.O. / 4 Drop (4"x9")	4 (4"x9") or 2 (6"x15")	8 C.O. / 5 Drop (4"x9") or 6 C.O. / 4 Drop (6"x15")
Maximum Splice Capacity*	12 Fibers per Tray	24 C.O. / 48 Drop	24 C.O. / 48 Drop	60 C.O. / 48 Drop	96 C.O. / 60 Drop
	24 Fibers per Tray	48 C.O. / 96 Drop	48 C.O. / 96 Drop	120 C.O. / 96 Drop	192 C.O. / 120 Drop
	48 Fibers per Tray**	N/A	N/A	144 C.O. / 96 Drop	288 C.O. / 192 Drop
Bulkhead Capacity (Connectors)		8	12	24	24
Part Numbers*		SC/APC Connectors <b>CFDP206-EL08</b> SC/UPC Connectors <b>CFDP206-EL08C</b>	SC/APC Connectors <b>CFDP208-EL12</b> SC/UPC Connectors <b>CFDP208-EL12C</b>	SC/APC Connectors <b>CFDP210-EL24A</b> SC/UPC Connectors <b>CFDP210-EL24</b>	SC/APC Connectors <b>CFDP12-EL24</b> SC/UPC Connectors <b>CFDP12-EL24C</b>

\*Splice trays are located on Central Office Side and Drop Side of Splicing Backboard on 6", 8" and 12" diameter pedestals, on Central Office Side only on 10" diameter pedestals.

\*\*Capacities shown achieved using FOSSC D Fiber Splice Trays.

6" and 8" CFDP Interconnect Pedestals ship with one 4"x9" splice tray included, 10" and 12" CFDP Interconnect Pedestals ship with two 4"x9" splice trays included. Order Part #97-FIBR24TRAY for additional splice trays.

# Ordering Specification

## Charles Part Number

## Description

CFDP206-EL08	6" diameter pedestal, w/expanded split base, inner double doors, Greenfield splicing organizer w/8 position bulkhead, 8 SC/AP adapters, splice tray
CFDP208-EL12	8" diameter pedestal, w/expanded split base, inner double doors, Greenfield splicing organizer w/12 position bulkhead, 12 SC/AP adapters, splice tray
CFDP210-EL24A	10" diameter pedestal, w/expanded square base, inner double doors, Greenfield fiber organizer w/24 bulkhead, 24 SC/APC adapters, splice trays
CFDP12-EL24	12" diameter pedestal, w/expanded square base, inner double doors, Greenfield fiber organizer w/24 position bulkhead, 24 SC/APC connectors, splice trays
CFDP206-EL08C	6" diameter pedestal, w/expanded split base, inner double doors, Greenfield splicing organizer w/8 position bulkhead, 8 SC/UPC adapters, splice tray
CFDP208-EL12C	8" diameter pedestal, w/expanded split base, inner double doors, Greenfield splicing organizer w/12 position bulkhead, 12 SC/AP and 12 SC/UPC adapters, splice tray
CFDP210-EL24	10" diameter pedestal, w/expanded square base, inner double doors, Greenfield fiber organizer w/24 bulkhead, 24 SC/UPC adapters, splice trays
CFDP12-EL24C	12" diameter pedestal, w/expanded square base, inner double doors, Greenfield fiber organizer w/24 position bulkhead, 24 SC/UPC connectors, splice trays

## Pedestal Accessories

UMB102A	Universal Pole Mount Bracket w/hardware
UMS36-STD	36" Metal Mounting Stake w/hardware
UMS42-STD	42" Metal Mounting Stake w/hardware
97-FIBR24TRAY	4" x 9" Charles Fiber Splice Tray; with cover, identification label and 6 cable ties



*All CFDP Interconnect pedestals 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.*

## **Charles Industries, LLC**

*An Amphenol Company*

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