

Charles Fiber Distribution Point™ (CFDP) Interconnect Pedestals

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. The CFDP Interconnect 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 and 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 two-stage 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.



10” (left) and 6” (right) CFDP Interconnect Pedestals

Product 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 and 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

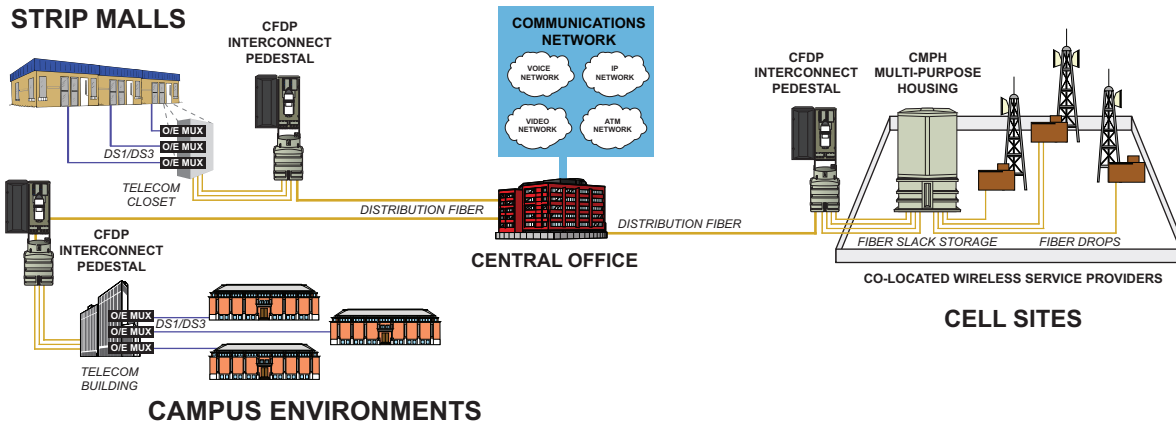


Central Office Side of
10” Fiber Organizer



Drop Side of
10” Fiber Organizer

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 (4"x9") or 5 (6"x15")
Maximum Splice Capacity	12 Fibers per Tray	24 C.O. / 48 Drop	48	96
	24 Fibers per Tray	48 C.O. / 96 Drop	96	192
	48 Fibers per Tray	NA	96	240
Bulkhead Capacity (Connectors)	8	12	24	24
Part Numbers	SC/APC Connectors: CFDP206-EL08 SC/UPC Connectors: CFDP206-EL08C	SC/APC Connectors: CFDP208-EL12 SC/UPC Connectors: CFDP208-EL12C	SC/APC Connectors: CFDP210-EL24A SC/UPC Connectors: CFDP210-EL24	SC/APC Connectors: CFDP12-EL24 SC/UPC Connectors: CFDP12-EL24C

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

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.

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



Slack Storage Housings

CMPH-7500N	Charles Multi-Purpose Housing, Non-Flame Retardant, 48"H x 27"W x 14.5"D
CMPH-7500F	Charles Multi-Purpose Housing, Flame Retardant, 48"H x 27"W x 14.5"D

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.

Dependable Solutions, Superior Support

- Field-proven and unequaled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9000/TL 9000 registered)

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