

Charles Buried Distribution Optical (BDO) Interconnect Pedestals

Charles BDO 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 BDO 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, BDO 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.

BDO Interconnect Pedestals feature a non-metallic construction and open architecture design with a flood-proof outer dome. Technicians have open 360° access to internal splicing and interconnect bulkhead areas.

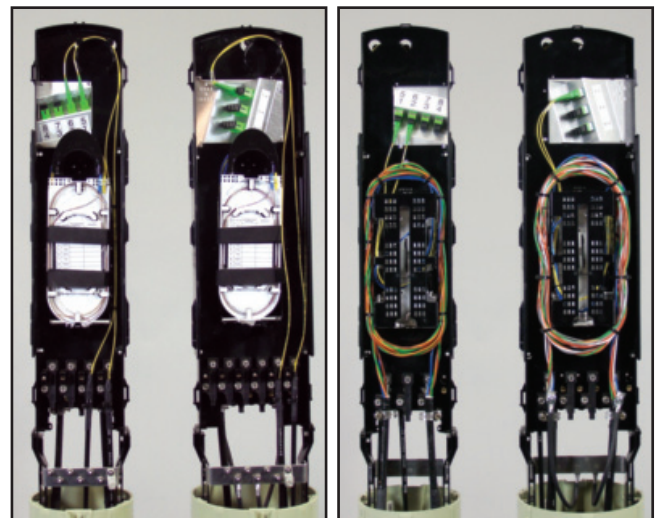


6” (left) and 8” (right) BDO Interconnect Pedestals

10” BDO Interconnect Pedestal

Product Features

- 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 (splice tray optional), cable management guides, 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, 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



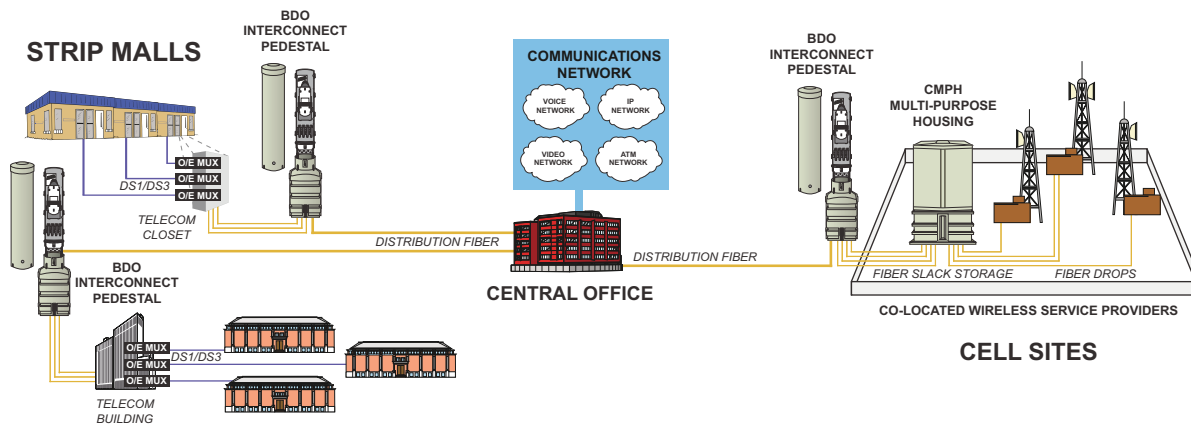
Drop Side of Fiber Organizers

Central Office Side of Fiber Organizers


advanced media technologies



Applications



Product Specifications

Diameter		6"	8"	10"
Drop Quantity		8	8	11
12 Fiber Ribbon Storage (Opening 12ft±2ft)		24 Ribbons	36 Ribbons	72 Ribbons
Loose Tube Storage (Opening 12ft±2ft)		8 Tubes	12 Tubes	24 Tubes
Splice Tray Capacity		4 (4"x9")	6 (4"x9") or 4 (6"x15")	7 (4"x9") or 5 (6"x15")
Maximum Splice Capacity	12 Fibers per Tray	48	72	84
	24 Fibers per Tray	96	144	168
	144 FOSSC A/B Fiber Ribbon Tray	144	288	432
Part Numbers*		SC/APC Connectors BDO203-E08 SC/UPC Connectors BDO203-E08B	SC/APC Connectors BDO204-E12 SC/UPC Connectors BDO204-E12B	SC/APC Connectors BDO205-E24 SC/UPC Connectors BDO205-E24B

* Add a "T" suffix as last character of part number to include a 4"x9" splice tray (Example: BDO203-E08T).
Order Part #97-FIBR24TRAY for additional splice trays.

Ribbon and Loose Tube options are available.

Accessories

- 97-FIBR24TRAY Charles 24 Fiber Splice Tray, 4"x9"
- UMS36-STD 36" Metal Mounting Stake w/hardware
- UMS42-STD 42" Metal Mounting Stake w/hardware
- UMB102A Universal Pole Mount Bracket w/hardware

Ribbon Fiber Accessories

- 97-RIBNTRAY144 Tyco® FOSSC A/B ribbon splice tray (144 fibers), 1 each
- 97-RIBNTUBEKIT 3M® ribbon transportation tube kit, 3 ft., 10 ea.
- 97-RIBNCLIPKIT Ribbon saddle clip kit (BDO 3-4), 40 ea.
- 97-RIBNCLIPLG Ribbon saddle clip kit large (BDO 5-7), 40 ea.



All BDO 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.
(Example: BDO204-EV12B)