

Pedlock® BDO Series Fiber Interconnect Distribution Pedestals for Hardened Drops

Buried Distribution Pedestals designed for use with hardened connector fiber drop cables

Charles BDO Interconnect Distribution Pedestals for Hardened Fiber Drop Cables (BDO-IXC HD) provide a drop-side “interconnect panel” for supporting drop cables using the Corning brand OptiTap® hardened fiber drop connector. The BDO-IXC HD Pedestal is ideal for fiber-to-the-home (FTTH) network deployments as well as multi-tenant cell site, campus or strip mall environments where the customer requires high-capacity fiber bandwidth for data and video broadband services, wireless backhaul, private networks or data and video broadband services. With a built-in OptiTap-SC® adapter bulkhead, the BDO-IXC HD pedestals facilitate fast and easy provisioning of fiber services to the end customer’s equipment. Fiber drops can be turned up, moved or disconnected on an “as needed” basis; giving service providers added flexibility in their efforts to provide broadband voice, data and video services to customers whose bandwidth requirements may change seasonally or for test access purposes.

BDO Interconnect Pedestals feature a non-metallic construction and open architecture design with a flood-proof outer dome that offers superior OSP protection against floods, fire, dirt, insects and impact. Technicians have open 360° access to internal splicing and interconnect bulkhead areas. BDO Pedestals feature an expanded-capacity split base designed to easily install around conduit-fed cable bundles in new construction or rehab situations.



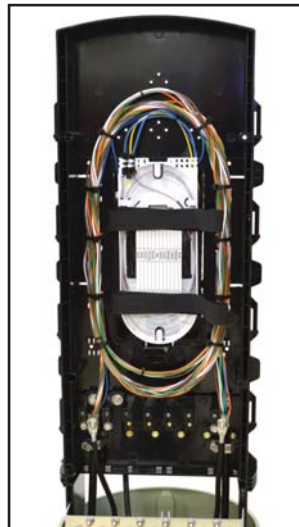
10" OptiTap-SC
Adapter Bulkhead



BDO IXC-HD 6" Diameter



BDO IXC-HD 10" Diameter



10" Backboard Feed Side



10" Backboard Drop Side

Product Features

- Non-metallic PVC construction won't rust, corrode, chip or fade. Internal components are protected from floods, fires, and wind-blown dust and debris
- Fiber organizer backboards accommodate all commonly used fiber splice trays with a 4"x9" footprint; 10" diameter pedestal also accepts 4"x12" or 6"x15" trays
- Two-piece expanded-capacity “split” base makes it easy for technicians to place the pedestal over conduit-fed cable bundles, and are an ideal solution for rehabilitating metallic enclosures
- Easily add new bulkhead adapters for new subscriber adds
- Multi-position bond bar with #6 ground lug meets requirements for bonding and grounding of service wires and cable sheaths
- Lift-off dome provides 360° access to internal splicing area
- Dome attaches securely to the base using a self-locking 216-hex head bolt lock
- Vault mount base available



Product Specifications

Diameter	6"	8"	10"
Drop Quantity			
Total adapter positions	6	8	8
OptiTap-SC® adapters included*	2	2	2
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	2 (4"x9")	2 (4"x9")	7 (4"x9") or 5 (6"x15")
12 Fibers per Tray	48	48	84
24 Fibers per Tray	96	96	168
144 FOSC A/B Fiber Ribbon Tray***	0	0	432
PART NUMBERS			
2 OptiTap-SC® adapters, splice tray, & 2 SC/APC pigtails	BDO203-E02OPT	BDO204-E02OPT	BDO205-E02OPT
2 OptiTap-SC® adapters, splice tray, & 2 SC/APC pigtails, vault base	BDO203EV02OPT	BDO204EV02OPT	BDO205EV02OPT

NOTES

- Pedestals ship standard with an accessory kit, including two (2) hose clamps, two (2) bond braids, drop wire channel, drop wire channel plug, and moisture barrier sheet.
- Maximum splice capacities shown are for cable-to-cable splices. Overall splice capacity is reduced as drop splices are introduced. For drop splicing, Charles recommends using a 12 Fiber Tray with a maximum of 6 drops per tray.



Vault mount base configurations, including cover mounting brackets and moisture barrier pad, are available by adding a "V" after designated square base character ("E") of part number (Example: BDO204EV02OPT). Vaults with covers cutout to fit the Charles' pedestal bases are available through Charles and most 3rd party vault manufacturers.

* Additional OptiTap-SC adapters are ordered as accessories and easily field installed into bulkhead.

** Ribbon D-clips ordered separately.

*** Capacities shown achieved using CommScope® FOSC A/B Ribbon Fiber Tray(s).

ACCESSORIES

Part #	Description
97-OPT02ADPT	Kit, 2 OptiTap-SC® adapters, 2 SC/APC-stub pigtails
97-FIBR24TRAY	Charles 12-/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
97-RIBNCLIPKIT	Ribbon saddle clip kit (BDO203 & 204), 40 ea.
97-RIBNCLIPLG	Ribbon saddle clip kit large (BDO205), 40 ea
97-RIBNTUBEKIT	3M® ribbon transportation tube kit, 3 ft., 10 ea
97-RIBNTRAY144	CommScope® FOSC A/B ribbon splice tray (12 ribbons, 144 fibers), 1 each
PS-SABFM03-2A2	Pigtails, SC/APC-stub, 2mm jacket, yellow, 3 meters, 2 pcs.
PS-SUBFM03-2A2	Pigtails, SC/APC-stub, 2mm jacket, yellow, 3 meters, 2 pcs.



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