

Buried Distribution Pedestals designed for SC connectorized drop cables in Fiber-to-the-Home (FTTH) Networks

Amphenol Charles Industries' BDO-EG-SC Interconnect Low-Profile (BDO-EG-SC) Pedestals provide a drop-side "interconnectpanel" for connectorized SC-style fiber drops to multiple broadband service customers. The BDO-EG-SC 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 SC/APC or SC/UPC adapter bulkhead, the BDO-EG-SC 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 the service provider 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.

MARKETS SERVED:

- ☒ Telecom / FTTH
- ☒ Utility
- ☐ Wireless
- ☒ Broadband Cable



BDO204-EGT08

Left: Central Office Side, Right: Drop Side

BDO205-EGT08

Left: Central Office Side, Right: Drop Side

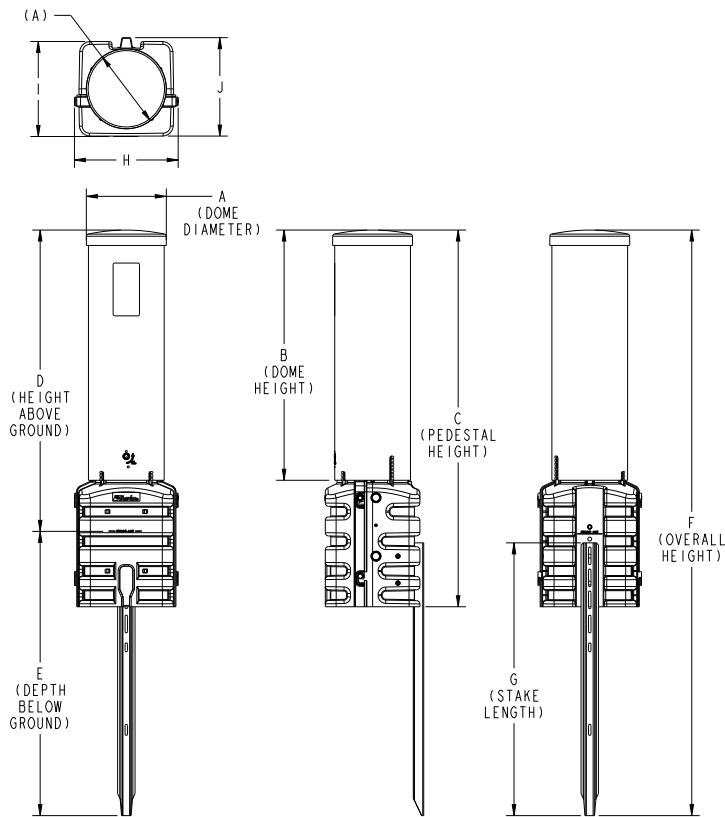
FEATURES

- 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
- 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

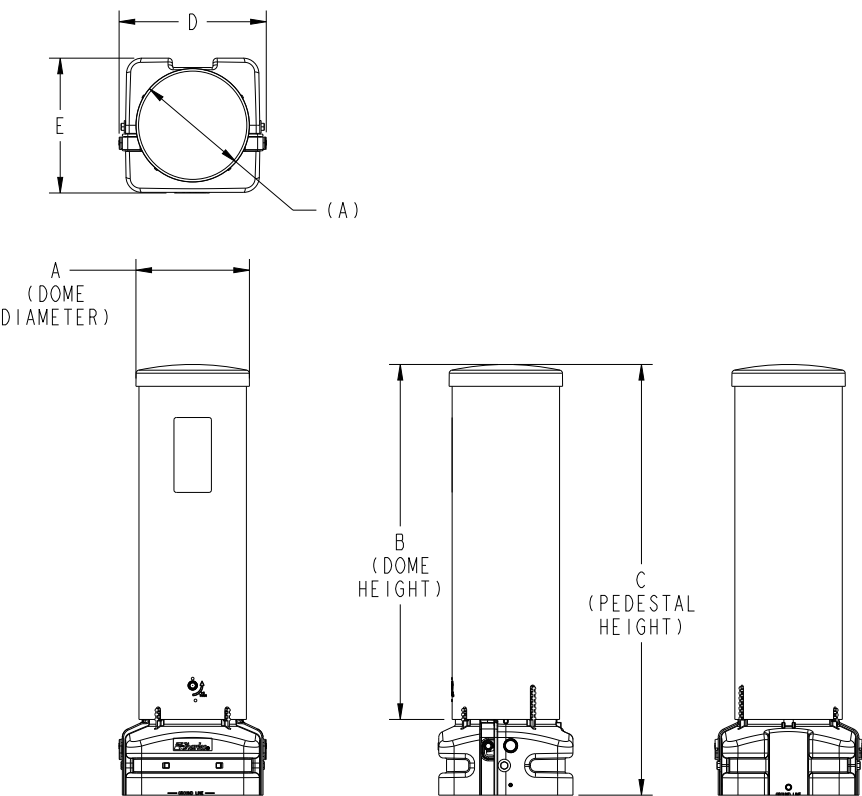
Product Dimension

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	28.7	43.1	34.5	31.3	65.9	31	10.8	9.8	9.9
8	9.1	28.4	42.8	34.2	31.4	65.6	31	11.8	10.8	10.9
10	11.7	30.7	45.6	37	31.4	68.4	31	13.8	12.8	12.9



Size	A	B	C	D	E
6	7.4	28.7	34.7	10.8	9.8
8	9.1	28.4	34.5	11.8	10.8
10	11.7	30.7	37.2	13.8	12.8

Product Specifications

Diameter	6"	8"	10"
Drop Quantity			
Total adapter positions	8	12	12
SC adapters included	8	8	8
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**	144	144	432
PART NUMBERS			
8 SC/APC adptrs (green)	BDO203-EG08	BDO204-EG08	BDO205-EG08
8 SC/APC adptrs, splice tray	BDO203-EGT08	BDO204-EGT08	BDO205-EGT08
8 SC/APC adptrs, splice tray, 8-fiber fanout	BDO203-EGT08F	BDO204-EGT08F	BDO205-EGT08F
8 SC/UPC adptrs (blue)	BDO203-EG08B	BDO204-EG08B	BDO205-EG08B
8 SC/UPC adptrs, splice tray	BDO203-EGT08B	BDO204-EGT08B	BDO205-EGT08B
8 SC/UPC adptrs, splice tray, 8-fiber fanout	BDO203-EGT08BF	BDO204-EGT08BF	BDO205-EGT08BF

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.

*Ribbon D-clips ordered separately.
**Capacities shown achieved using FOSC A/B Ribbon Fiber Tray(s).



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.

Ordering Specification

Charles Part Number	Description
BDO203-EG08	6" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/APC adapters, bond bar and accessory kit
BDO203-EGT08	6" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/APC adapters, bond bar, splice tray and accessory kit
BDO203-EGT08F	6" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/APC adapters with Fanout, bond bar, splice tray and accessory kit
BDO204-EG08	8" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar and accessory kit
BDO204-EGT08	8" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar, splice tray and accessory kit
BDO204-EGT08F	8" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters with Fanout, bond bar, splice tray and accessory kit
BDO205-EG08	10" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar and accessory kit

Ordering Specification

Charles Part Number	Description
BDO205-EGT08F	10" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters with Fanout, bond bar, splice tray and accessory kit
BDO203-EG08B	6" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/UPC adapters, bond bar and accessory kit
BDO203-EGT08B	6" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/UPC adapters, bond bar, splice tray and accessory kit
BDO203-EGT08BF	6" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/UPC adapters with Fanout, bond bar, splice tray and accessory kit
BDO204-EG08B	8" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar and accessory kit
BDO204-EGT08B	8" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar, splice tray and accessory kit
BDO204-EGT08BF	8" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters with Fanout, bond bar, splice tray and accessory kit
BDO205-EG08B	10" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar and accessory kit
BDO205-EGT08B	10" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar, splice tray and accessory kit
BDO205-EGT08BF	10" fiber pedestal, expanded square base, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters with Fanout, bond bar, splice tray and accessory kit
BDO203-EVG08	6" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/APC adapters, bond bar and accessory kit
BDO203-EVGT08	6" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/APC adapters, bond bar, splice tray and accessory kit
BDO203-EVGT08F	6" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/APC adapters with Fanout, bond bar, splice tray and accessory kit
BDO204-EVG08	8" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar and accessory kit
BDO204-EVGT08	8" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar, splice tray and accessory kit
BDO204-EVGT08F	8" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters with Fanout, bond bar, splice tray and accessory kit
BDO205-EVG08	10" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar and accessory kit
BDO205-EVGT08	10" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters, bond bar, splice tray and accessory kit
BDO205-EVGT08F	10" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/APC adapters with Fanout, bond bar, splice tray and accessory kit
BDO203-EVG08B	6" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/UPC adapters, bond bar and accessory kit
BDO203-EVGT08B	6" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/UPC adapters, bond bar, splice tray and accessory kit

Ordering Specification

Charles Part Number	Description
BDO203-EVGT08BF	6" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/8 position bulkhead , 8 SC/UPC adapters with Fanout, bond bar, splice tray and accessory kit
BDO204-EVG08B	8" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar and accessory kit
BDO204-EVGT08B	8" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar, splice tray and accessory kit
BDO204-EVGT08BF	8" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters with Fanout, bond bar, splice tray and accessory kit
BDO205-EVG08B	10" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar and accessory kit
BDO205-EVGT08B	10" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters, bond bar, splice tray and accessory kit
BDO205-EVGT08BF	10" fiber pedestal, expanded square vault mount base with mounting hardware, moisture pad, Greenfield fiber splicing organizer w/12 position bulkhead , 8 SC/UPC adapters with Fanout, bond bar, splice tray and accessory kit

Pedestal 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
97-RIBNCLIPKIT	Ribbon saddle clip kit (6" and 8" size), 40 ea.
97-RIBNCLIPLG	Ribbon saddle clip kit large (10" size), 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
KIT-SCAPC12-A	SC adapters, green, for APC connectors, 12 pcs.
KIT-SCUPC12-A	SC adapters, green, for UPC connectors, 12 pcs.
97-SCA08LT3M	8-fiber SC/APC connectors fanout assembly
97-SCU08LT3M	8-fiber SC/UPC connectors fanout assembly
97-SCA12LT3M	12-fiber SC/APC connectors fanout assembly
97-SCU12LT3M	12-fiber SC/UPC connectors fanout assembly
PS-SABFM03-2A2	Pigtails, SC/APC-stub, 2mm jacket, yellow, 3 meters, 2 pcs.
PS-SUBFM03-2A2	Pigtails, SC/UPC-stub, 2mm jacket, yellow, 3 meters, 2 pcs.

Charles Industries, LLC

An Amphenol Company

1450 American Lane, 20th Floor, Schaumburg, IL 60173



mktserv@charlesindustries.com



(847) 806-6300

