

Buried distribution pedestals designed for new FTTH Network buildouts. Series 3 fiber pedestals utilize all our current backboard options.

Series 3 pedestal housing is designed and developed for Charles' most popular 8" and 10" Fiber Pedestals. The pedestal housings provide the necessary environmental protection with a similar size and profile as our current pedestals. Series 3 offers the same access and interface for technicians familiar with Charles Pedestals.

Series 3 pedestals are developed as a response to unprecedented industry demand. These pedestals offer the same interface to access, construct, and deliver service as our current popular existing pedestals. In addition, Series 3 pedestals are built of the same thermoplastic resin as our broadly utilized CMPH and Broadband Pedestals with over 20 years of field-proven performance.

MARKETS SERVED:

- Telecom / FTTH
- Utility
- Wireless
- Broadband Cable



Series 3 Fiber Pedestal

FEATURES

- Solid, single-piece square base provides extra space to better manage the ingress and egress of cables, drops, conduits, and innerduct
- Built with already proven HDPE housing, exceptional for use in the OSP space. Holds up to the most critical demands of Telcordia GR-13
- Series 3 pedestals provide the same environmental protection as all other pedestal families, like CMPH and CATV, with over twenty years of field-proven performance Internal wall mount features
- Series 3 peds are accessible from outside by using a quarter turn of a can wrench

Product Specifications

| Part Number | | BDO305-EG | BDO305-EGT |
|--|----------------------------------|-------------------------|-------------------------|
| Diameter | | 10" | 10" |
| Drop Quantity | | 11 | 11 |
| Splitters (Tray) | | 1x4, 1x8 or 1x16 | 1x4, 1x8 or 1x16 |
| 12 Fiber Ribbon Storage (Opening 12ft±2ft) | | 72 Ribbons | 72 Ribbons |
| Loose Tube Storage (Opening 12ft±2ft) | | 24 Tubes | 24 Tubes |
| Splice Tray Capacity Splice Capacity* | | 7 (4"x9") or 5 (6"x15") | 7 (4"x9") or 5 (6"x15") |
| Maximum Splice Capacity* | 12 Fibers per Tray | 84 | 84 |
| | 24 Fibers per Tray | 168 | 168 |
| | 48 Fibers per Tray*** | 240 | 240 |
| | 144 FOSC A/B Fiber Ribbon Tray** | 432 | 432 |



BDO304-EG

| Part Number | | BDO304-EG | BDO304-EGT |
|--|----------------------------------|------------|------------|
| Diameter | | 8" | 8" |
| Drop Quantity | | 8 | 8 |
| Splitters (Tray) | | 1x4, 1x8 | 1x4, 1x8 |
| 12 Fiber Ribbon Storage (Opening 12ft±2ft) | | 36 Ribbons | 36 Ribbons |
| Loose Tube Storage (Opening 12ft±2ft) | | 12 Tubes | 12 Tubes |
| Splice Tray Capacity Splice Capacity* | | 6 (4"x9") | 6 (4"x9") |
| Maximum Splice Capacity* | 12 Fibers per Tray | 72 | 72 |
| | 24 Fibers per Tray | 144 | 144 |
| | 48 Fibers per Tray*** | N/A | N/A |
| | 144 FOSC A/B Fiber Ribbon Tray** | 288 | 288 |



BDO304-EGT

| Part Number | | CFDP308-ELS | CFDP310-ELS |
|--|----------------------------------|---------------------|-------------------------|
| Diameter | | 8" | 10" |
| Large Cable Ports (1" dia. Max) | | 4 | 6 |
| Small Cable Drop Ports (5/8" dia. Max) | | 12 | 14 |
| 12 Fiber Ribbon Storage (Opening 12ft±2ft) | | 24 Feed Side | 72 Feed Side |
| Loose Tube Storage (Opening 12ft±2ft) | | 9 Feed Side | 24 Feed Side |
| Splice Tray Capacity | Drop Side | 4 (4"x9") | 4 (4"x9") or 2 (6"x15") |
| | Feed Side | 2 (4"x9") | 5 (4"x9") or 3 (6"x15") |
| Maximum Splice Capacity* | 12 Fibers per Tray | 24 Feed / 48 Drop | 60 Feed / 48 Drop |
| | 24 Fibers per Tray | 48 Feed / 96 Drop | 120 Feed / 96 Drop |
| | 48 Fibers per Tray*** | N/A | 144 Feed / 96 Drop |
| | 144 FOSC A/B Fiber Ribbon Tray** | 144 Feed / 288 Drop | 288 Feed / 144 Drop |



CFDP308-ELS

| Part Number | | CFDP308-EPS | CFDP310-EPS |
|--|----------------------------------|--------------|-------------------------|
| Diameter | | 8" | 10" |
| Large Cable Ports (1" dia. Max) | | 4 | 6 |
| Small Cable Drop Ports (5/8" dia. Max) | | 12 | 14 |
| 12 Fiber Ribbon Storage (Opening 12ft±2ft) | | 24 Feed Side | 72 Feed Side |
| Loose Tube Storage (Opening 12ft±2ft) | | 12 Feed Side | 24 Feed Side |
| Splice Tray Capacity | | 4 (4"x9") | 7 (4"x9") or 5 (6"x15") |
| Maximum Splice Capacity* | 12 Fibers per Tray | 48 | 84 |
| | 24 Fibers per Tray | 96 | 168 |
| | 48 Fibers per Tray*** | N/A | 240 |
| | 144 FOSC A/B Fiber Ribbon Tray** | 288 | 432 |



CFDP308-EPS

Notes:

* Maximum splice capacities shown are for cable-to-cable splices. Overall splice capacity is reduced as drop splices are introduced. For drop splices, Charles recommends using a 12 Fiber Tray with a maximum of 6 drops per tray.

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

*** Capacities shown achieved using FOSC D Fiber Tray(s).

CFDP pedestals ship with one 4"x9" splice tray included.

BDO-ET:

- Available in 8" and 10" diameters
- Terminal Mounting Plate

BDO-ETS:

- Available in 8" and 10" diameters
- Terminal Mounting Plate with Built-In Splice Tray Holder



BDO304-ET

| | 4-Port Terminal Block | | | | 6-Port Terminal Block | | | |
|-------------|----------------------------------|--------------------------------------|--|---------------------|----------------------------------|--------------------------------------|--|---------------------|
| | Corning® 8.8x2.85x2.75 | Commscope® (Tyco®) 9.4x3.4x2.8 | Commscope® (ADC®) 10.8x3.95x2.86 | AFL 12.4x4.9x3.0 | Corning® 8.8x2.85x2.75 | Commscope® (Tyco®) 9.4x3.4x2.8 | Commscope® (ADC®) 10.8x3.95x2.86 | AFL 12.4x4.9x3.0 |
| | Long or Connectorized Feed Cable | | | | Long or Connectorized Feed Cable | | | |
| BDO 304-ET | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| BDO 305-ET | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 |
| | Splice Capable ^{1,2} | | | | Splice Capable ^{1,2} | | | |
| BDO 304-ETS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| BDO 305-ETS | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| | 8-Port Terminal Block | | | | 12-Port Terminal Block | | | |
|-------------|----------------------------------|--------------------------------------|--|---------------------|----------------------------------|--------------------------------------|--|---------------------|
| | Corning® 8.8x2.85x2.75 | Commscope® (Tyco®) 9.4x3.4x2.8 | Commscope® (ADC®) 10.8x3.95x2.86 | AFL 12.4x4.9x3.0 | Corning® 8.8x2.85x2.75 | Commscope® (Tyco®) 9.4x3.4x2.8 | Commscope® (ADC®) 10.8x3.95x2.86 | AFL 12.4x4.9x3.0 |
| | Long or Connectorized Feed Cable | | | | Long or Connectorized Feed Cable | | | |
| BDO 304-ET | 1 | 1 | 1 | 1 | 1 | 1 | 0 ³ | 1 |
| BDO 305-ET | 1 | 2 | 2 | 1 | 1 | 1 | 0 ³ | 1 |
| | Splice Capable ^{1,2} | | | | Splice Capable ^{1,2} | | | |
| BDO 304-ETS | 1 | 1 | 1 | 1 | 0 | 0 | 0 ³ | 0 |
| BDO 305-ETS | 1 | 1 | 1 | 1 | 1 | 1 | 0 ³ | 1 |

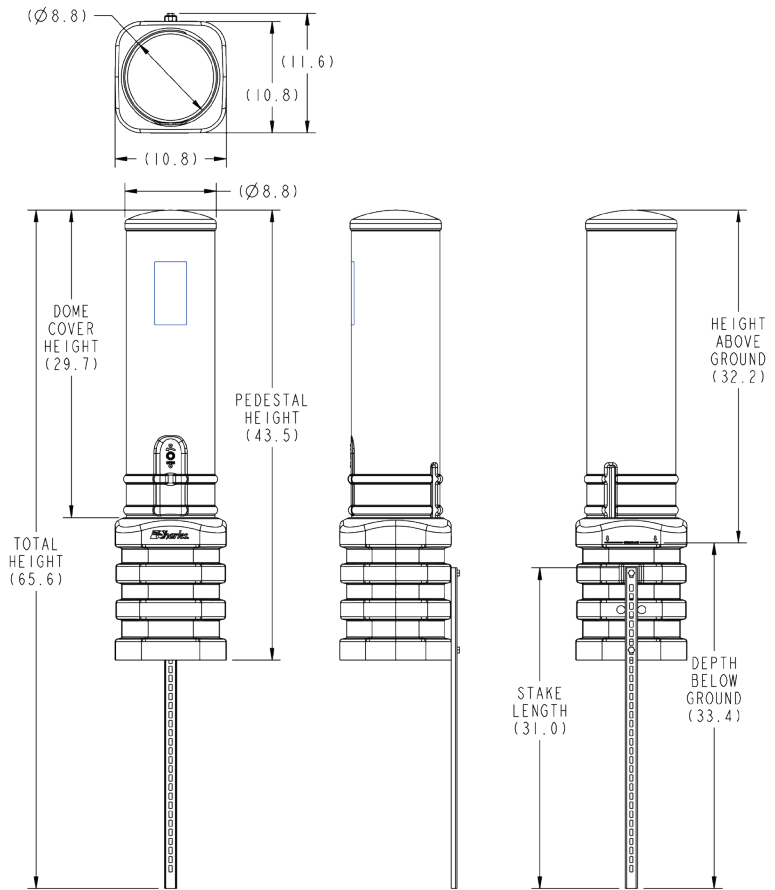
Amphenol Multiport Terminal (AMT) and Mini Amphenol Multiport Terminal (Mini-AMT) supports distributed split architecture which is designed to push the PON splitters further into the network and closer to the customer's premise with multiple levels of splitting. Amphenol Fiber Optic Products has developed these small form factor, factory sealed, closure that will house up to a 1 x 8 splitter.

| | Amphenol Multiport Terminal (AMT) | | | | Mini Amphenol Multiport Terminal (Mini-AMT) | | | |
|-------------|-----------------------------------|---------------------------|---------------------------|----------------------------|---|------------------------------------|------------------------------------|-------------------------------------|
| | AMT 4-PORT 6.5x13x4 | AMT 6-PORT 6.5x13x4 | AMT 8-PORT 6.5x13x4 | AMT 12-PORT 6.5x13x4 | Mini-AMT 4-PORT 4.9x3.5x3.75 | Mini-AMT 6-PORT 4.9x3.5x3.75 | Mini-AMT 8-PORT 4.9x3.5x3.75 | Mini-AMT 12-PORT 4.9x3.5x3.75 |
| | Long or Connectorized Feed Cable | | | | Long or Connectorized Feed Cable | | | |
| BDO 304-ET | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| BDO 305-ET | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Splice Capable ^{1,2} | | | | Splice Capable ^{1,2} | | | |
| BDO 304-ETS | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| BDO 305-ETS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

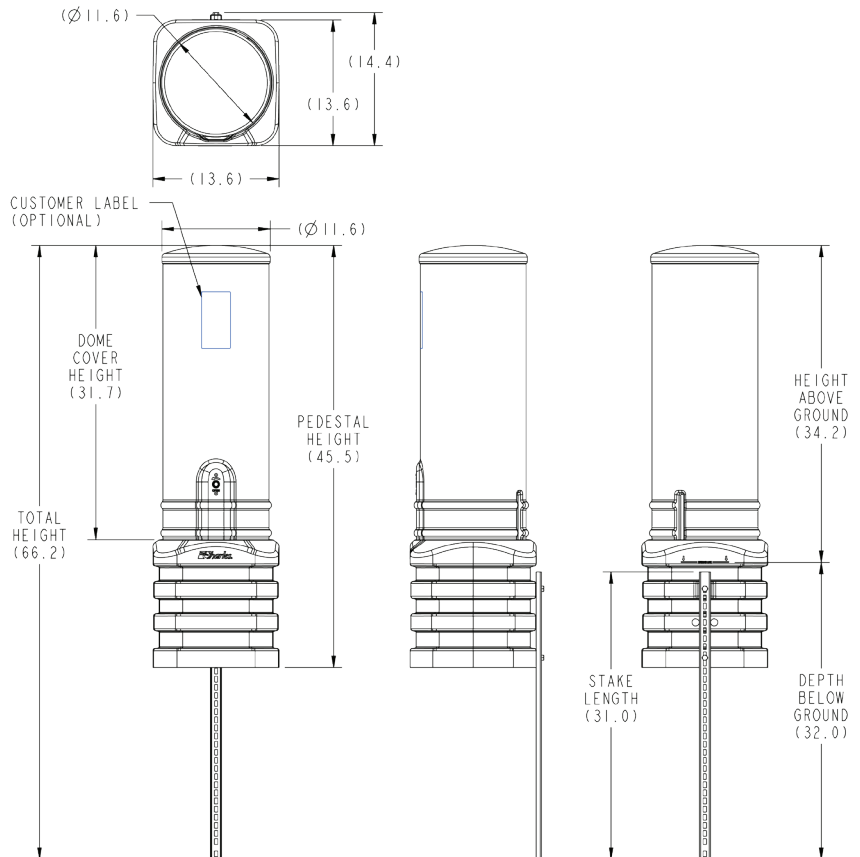
Notes:

1. Splice trays are ordered separately.
2. BDO 304-ETS use 4"x9" unhinged splice trays. BDO205-ETS use 4"x6" or 4"x9" hinged trays.
3. ADC 12-port block (2 columns x 6 connectors) is too long for standard pedestal. Special order tall pedestal is required.

Series 3 - 8" Outline Dimensions
all dimensions are in inches



Series 3 - 10" Outline Dimensions
all dimensions are in inches



Ordering Specifications

| Charles Part Number | Description |
|----------------------------|---|
| BDO304-ET | 8" pedestal, square base, terminal mounting bracket, drop slack storage |
| BDO304-ETS | 8" pedestal, square base, terminal mounting bracket, splice tray holder, bond bar |
| BDO305-ET | 10" pedestal, square base, terminal mounting bracket, drop slack storage |
| BDO305-ETS | 10" pedestal, square base, terminal mounting bracket, splice tray holder, bond bar |
| BDO304-EG | 8" dia. pedestal, square base, expanded-capacity base, G bracket (fiber only), bond bar |
| BDO304-EGT | 8" dia. pedestal, square base, expanded-capacity base, G bracket (fiber only), bond bar with 4"x9" splice tray |
| BDO305-EG | 10" dia. pedestal, square base, expanded-capacity base, G bracket (fiber only), bond bar |
| BDO305-EGT | 10" dia. pedestal, square base, expanded-capacity base, G bracket (fiber only), bond bar with 4"x9" splice tray |
| CFDP308-ELS | 8" pedestal w/square base, sealed double doors greenfield fiber splicing organizer & splice tray |
| CFDP308-EPS | 8" pedestal w/square base, inner dome greenfield fiber splicing organizer, splice tray |
| CFDP310-ELS | 10" pedestal w/square base, sealed double doors greenfield fiber splicing organizer & splice tray |
| CFDP310-EPS | 10" pedestal w/square base, inner dome greenfield fiber splicing organizer, splice tray |


| Pedestal Accessories | Description |
|-----------------------------|---|
| 010376-F | 1.25" black rubber base grommet plug (25 pieces) |
| CGHK | Ground hardware kit, 3x 10-32 nuts/bolts (25 pieces) |
| UMB102A | Universal pole mounting bracket kit |
| 028847F | Plastic splice bag and sealing kit (20 pieces) |
| 38-100170-F | Pedestal warning label (100 pieces) |
| 97-RIBNTRAY144 | Tyco® FOSC 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 304), 40 ea. |
| 97-RIBNCLIPLG | Ribbon saddle clip kit large (BDO 305), 40 ea. |
| 97-500512-A | Ground Lug (pkg. 100) |
| 97-FIBR24TRAY | 4"x9" Charles Fiber Splice Tray, with dust cover, identification label and 6 cable ties |
| 97-FIBR24HTRAY | 4"x9" Charles Fiber Splice Tray, hinged, with dust cover, identification label and 6 cable ties |
| 97-SMHTRAY | 4"x6" Charles Fiber Splice Tray, hinged, with dust cover, identification label and 6 cable ties |
| 97-TSBDO2ETS | Tray support for use with Charles standard (97-FIBR24TRAY) or 3rd party splice trays only used for BDO 305-ET and ETS |

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