

Buried Cable Pedestal Installation Instructions

This installation instruction applies to the following buried cable pedestals:

- BD Series (Buried Distribution Series) BD3, BD4, BD5, BD7
- CPLS (Charles PEDLOCK® Splice)

Note: Failure to follow this procedure could result in the pedestal not performing properly.

Step	Action
1.	Remove the dome and backboard or bracket from the pedestal and set them aside for later use. If not already installed, seat the drop wire channel into the stays inside the base. The top of the channel should be pushed up against the stops near the top lip of the base. Insert the foam plug into the top of the channel, leaving 1/3 to 1/2 of the plug positioned above the top of the channel. For pole mount pedestals, attach the pole mounting bracket to the base with the hardware provided (see Figure 5).
2.	Feed the cable up through the bottom of the base and guide it out the top. Any looped cable should be started as low as possible in the trench or pit so as not to interfere with the installation.
3.	Pole Mount (solid base or split base) Position the bracket on the pole so that the ground line marker is at the final grade level. Fasten the bracket to the pole with the lag screws provided (see Figure 5). Stake Mount (solid base or split base) Position the mounting stake inside the line of the cable with the base facing out. Drive the stake until approximately 4 inches remain above the final grade level. Attach the base to the stake (see Figure 6). Integral Stake Mount Position the base inside the line of the cable with the open section facing out. If additional depth is required, push the cable toward the front of the base and place a board across the top of the base behind the cable. With a hammer or mallet, drive the base further into the ground until the ground line marker is at final grade level. This level is to ensure easy placement and/or removal of the pedestal dome, and to allow proper ventilation of the pedestal (see Figure 9).
4.	Back fill the trench or pit around the pedestal and tamp the soil firmly. Back fill dirt into the base to approximately the ground line and tamp firmly. This will add stability and prevent gravel from falling out through the bottom of the base after placement.
5.	Remove the backboard or bracket from its plastic bag. The plastic bag will be used as a moisture vapor barrier. Insert the bag into the base on top of the fill dirt, fitting it around the cables.
6.	Add approximately 5 to 5 1/2 inches of clean, dry pea gravel or Pedestal Integrity Guard (PIG), an expanded foam base gravel substitute, to the inside of the base. The gravel used should be no larger than 5/8 inch in size and non-porous. Install the bracket onto the base.
7.	Using Figure 1 as a guide, measure the top of the base and make the appropriate sheath opening in the cable.
8.	Using an approved cable bonding connector, bond each cable opening to the bonding bracket.
9.	Reference the figures in this instruction for splicing guidelines.
10.	Install the dome onto the base and secure it by tightening the locking bolt.
11.	Restore the area to its proper grade and appearance.
12.	For further information, refer to the appropriate Charles Industries PEDLOCK Installation document as well as any applicable company specific procedures.

Disposal of Charles Industries Pedlock Pedestals

Charles Industries recommends that PEDLOCK® pedestals be properly disposed of in a landfill.

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U.S. Patents Pending

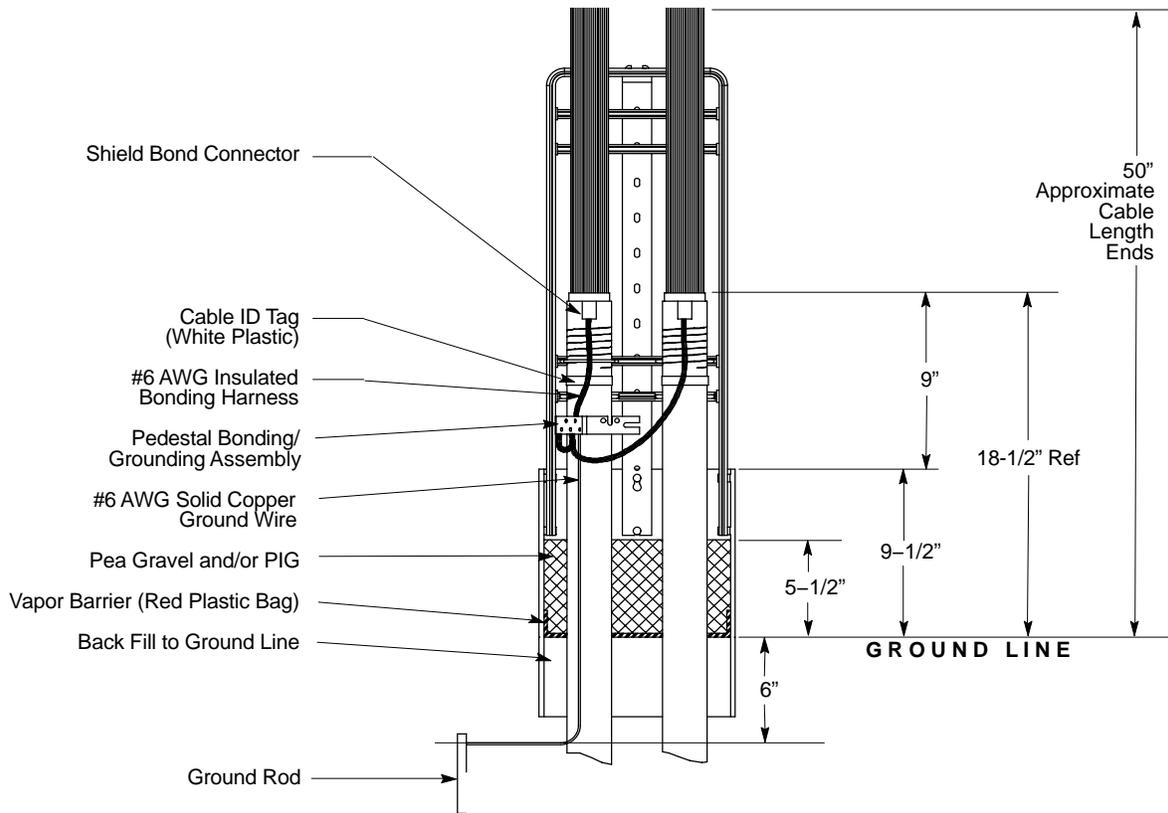


Figure 1. CPLS & BD Series Cable Pedestal

○ Denotes where Tie Wraps are placed

Tie Wrap Color Code
 Blue = CO Side
 Orange = Field Side
 Green = Service Drops
 Red = Load Coils/BOC

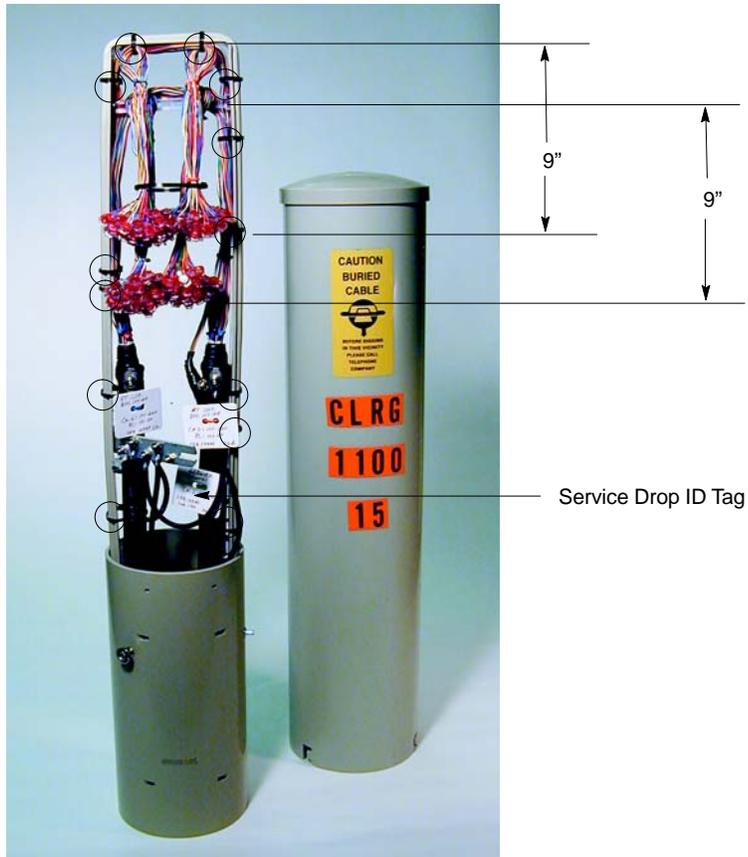


Figure 2. Wired BD3

○ Denotes where Tie Wraps are placed

Tie Wrap Color Code
 Blue = CO Side
 Orange = Field Side
 Green = Service Drops
 Red = Load Coils/BOC

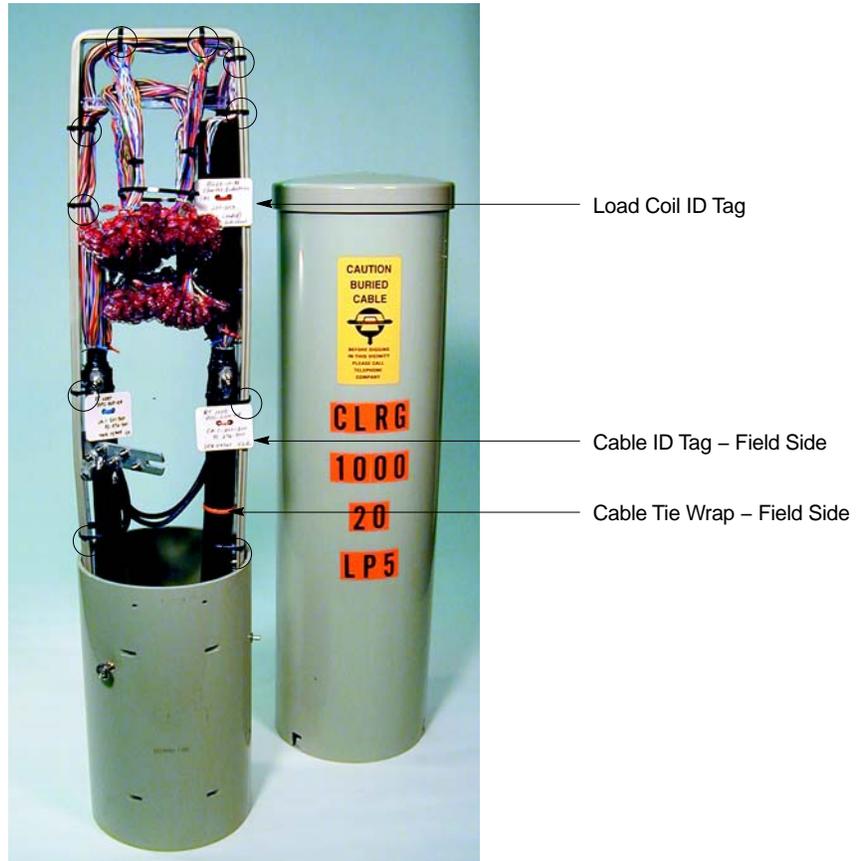


Figure 3. Wired BD4



Figure 4. Wired BD5

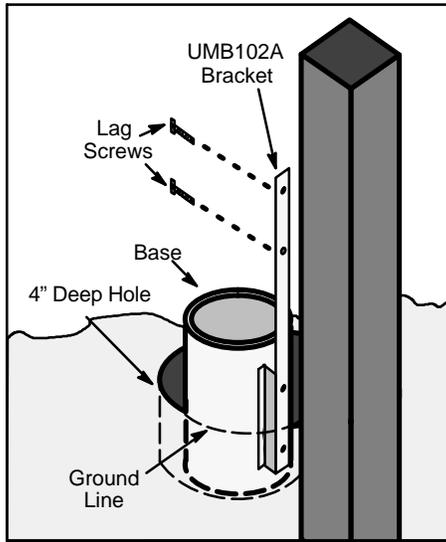


Figure 5. Pole Mounting

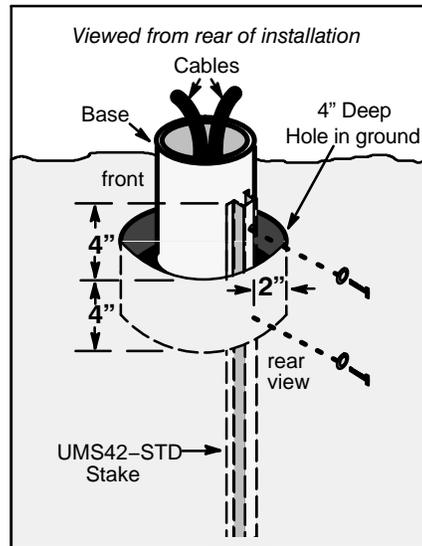


Figure 6. Stake Mounting

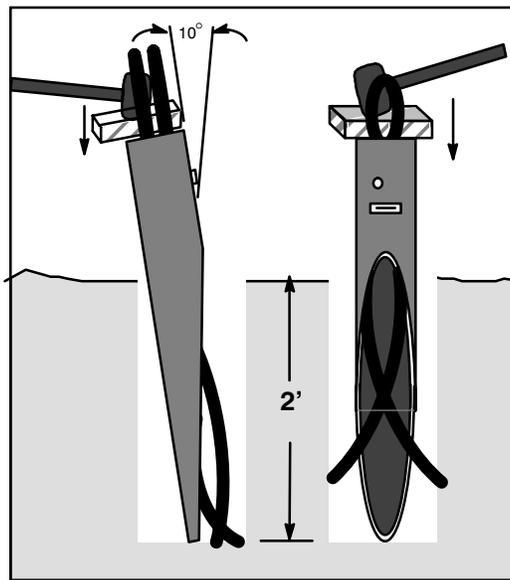


Figure 7. Integral Stake Mounting