

Pedestal Cabling Installation

CenturyLink Copper Pedestals

General Description and Installation

1. GENERAL INTRODUCTION

1.1. Document Purpose

This document provides general information for recommended cabling installation procedures for pedestals used by CenturyLink.

-NOTE-

Hereafter, "pedestal" will refer to any of the CenturyLink copper or fiber equipped enclosures.

1.2. Product Purpose

The pedestals are designed to be protective enclosures for copper splices and associated slack cable.

2. PRODUCT DESCRIPTION

This section contains information for CenturyLink pedestal configurations, with focus on the base type. This practice covers the following CenturyLink pedestal models outlined in Table 1 and Table 2.

Round Base with Mounting Stake	
CPLS 6M/CL	Copper splice, 6-inch
CPLS 8M/CL	Copper splice, 8 inch
CPLS12M/CL	Copper splice, 12-inch
CPLS14M/CL	Copper splice, 14-inch
Round Base with Pole Mounting Bracket	
CPLS 6A/CL	Copper splice, 6-inch
CPLS 8A/CL	Copper splice, 8-inch
CPLS12A/CL	Copper splice, 12-inch
CPLS14A/CL	Copper splice, 14-inch
Round Integral Stake Base (I-stake)	
CPLS 6-I/CL	Copper splice, 6-inch
CPLS 8-I/CL	Copper splice, 8-inch
CPLS12-I/CL	Copper splice, 12-inch
CPLS14-I/CL	Copper splice, 14-inch
Round Extra Long Integral Stake Base (XL I-stake)	
CPLS 6-XL/CL	Copper splice, 6-inch
CPLS 8-XL/CL	Copper splice, 8-inch
CPLS12-XL/CL	Copper splice, 12-inch
CPLS14-XL/CL	Copper splice, 14-inch
Round Rehabilitation Base	
CPLS 6RM/CL	Copper splice, 6-inch

Table 1 S-Bracket Equipped Pedestals

Round Base with Mounting Stake	
CPLU 6M/CL	Copper term, 6-inch
CPLU 8M/CL	Copper term, 8 inch
CPLU10M/CL	Copper term, 10 inch
Round Base with Pole Mounting Bracket	
CPLU 6A/CL	Copper term, 6-inch
CPLU 8A/CL	Copper term, 8 inch
CPLS10A/CL	Copper term, 10 inch
Round Integral Stake Base (I-stake)	
CPLU 6-I/CL	Copper term, 6-inch
CPLU 8-I/CL	Copper term, 8 inch
CPLU10-I/CL	Copper term, 10 inch
Round Extra Long Integral Stake Base (XL I-stake)	
CPLU 6-XL/CL	Copper term, 6-inch
CPLU 8-XL/CL	Copper term, 8 inch
CPLU10-XL/CL	Copper term, 10 inch

Table 2 Universal Terminal Backboard Equipped Pedestals

3. CABLING INSTRUCTIONS:

The following diagrams (Figures 1-6) and procedure outline the recommended cable routing information. Follow local company practices and procedures where required.

1. Cut and remove the sheath from around the cable.
2. Face the backboard with the wire guides towards the drop channel on the inside of the base.
3. Install the backboard or S-bracket system into the base by sliding the side rails over the mounting guides located in the sides of the base. Slide the backboard into the base until it stops.
4. Reconnect all grounding and bonding hardware to the bond bar.
5. Using the splice ladder bars, route and secure the splice to the back of the backboard or S-bracket. Follow your company's guidelines for splicing.
6. If a terminal distribution block is being used, place the block against the front of the backboard and lineup the mounting holes. Use hardware provided with the terminal block to attach to backboard. Bring the tail of the block down and under the backboard and splice it in back.
7. Utilizing the splice ladder bars, route and secure the splice to the back of the backboard or S-bracket. Additional splice ladder bars are orderable as spares.
8. Dress, route and secure all service drops to the front of the backboard. The unit is equipped with wire guides on either side of the backboard for this purpose. Charles D-clips may also be used.
9. Install the dome and secure the locking mechanism (threaded lock on round bases and self-latching on square base).
10. Restore the area to its proper grade and appearance.

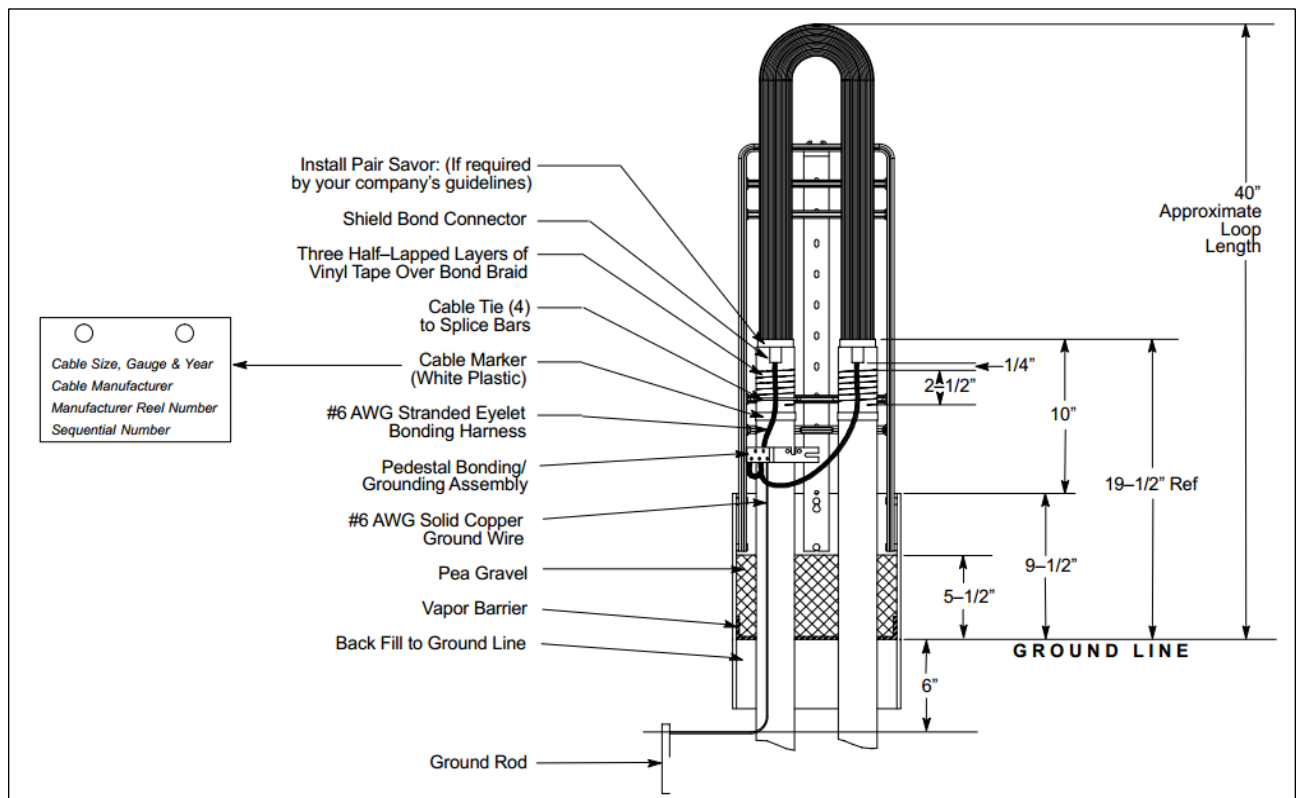


Figure 1 Cabling Preparation Dimensions - CPL

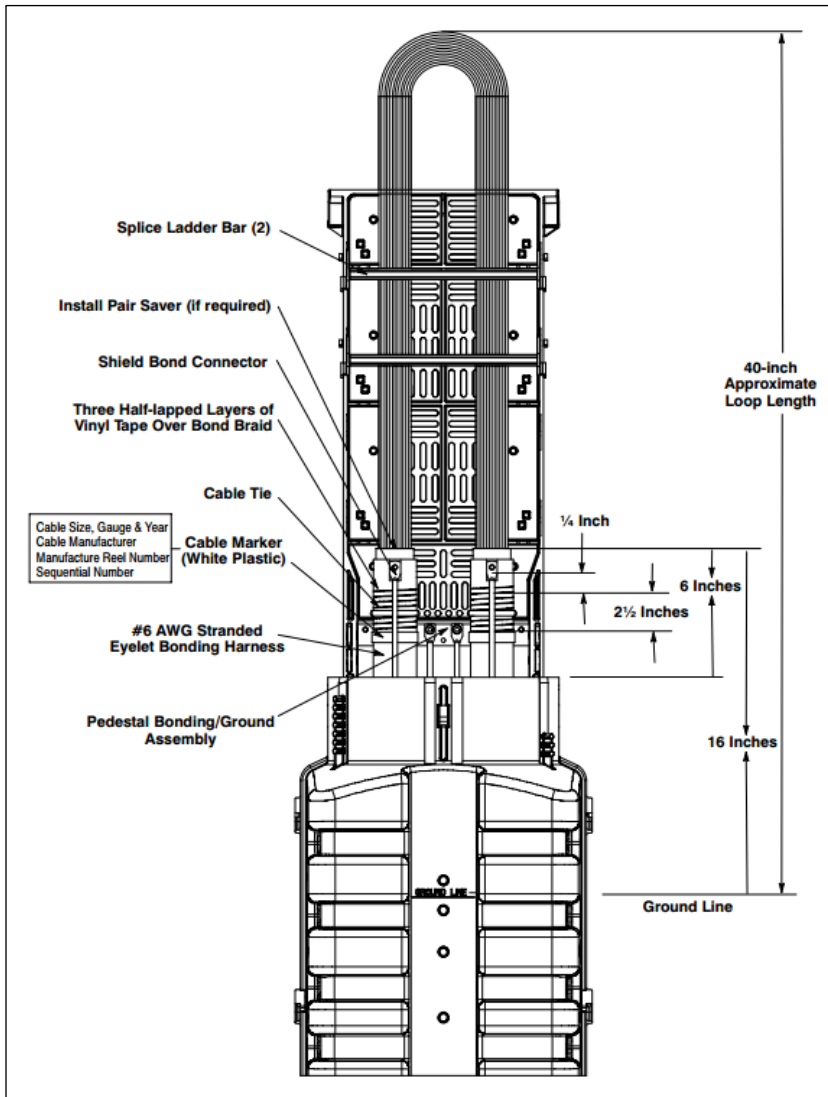


Figure 2 Cabling Preparation Dimensions – CPLU (shown with square base)

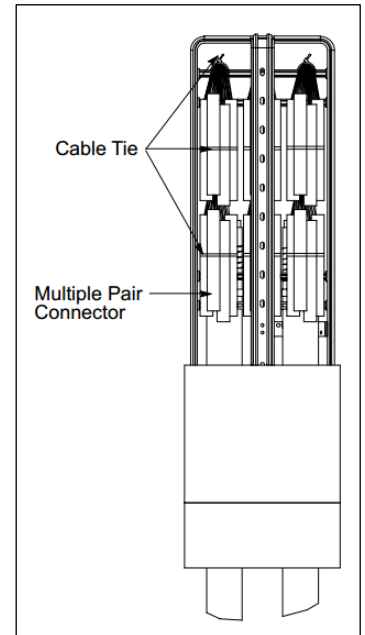


Figure 3 Multi-pair Splice Configuration (CPLS shown)

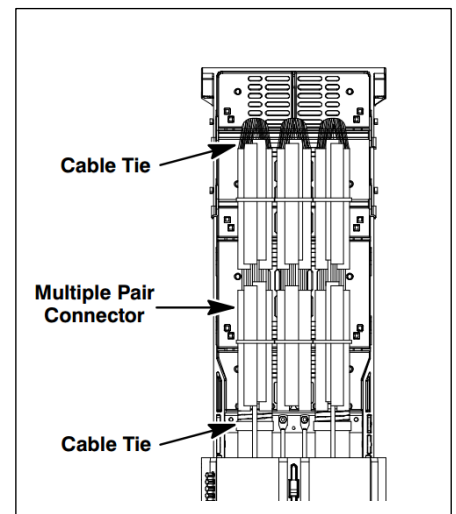


Figure 4 Multi-pair Splice Configuration (CPLU shown)

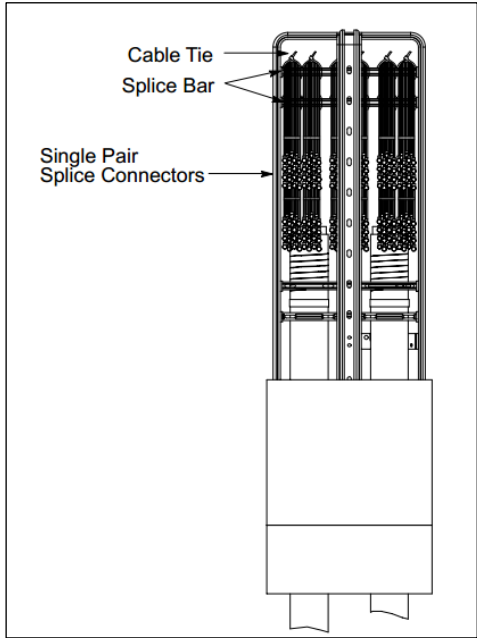


Figure 5 Single-pair Splice Configuration

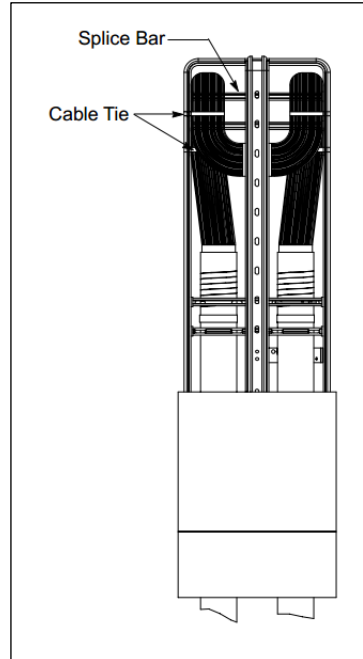


Figure 6 Splice Loop Configuration

4. TECHNICAL ASSISTANCE AND REPAIR SERVICE

For questions on product repair or if technical assistance is required, contact Charles Technical Support.

847-806-8500
techserv@charlesindustries.com (email)
<http://www.charlesindustries.com/techserv.htm>

5. WARRANTY & CUSTOMER SERVICE

Charles Industries, Ltd. offers a five-year warranty on the pedestal products. The Charles warranty is limited to the operation of the pedestal hardware as described in this documentation and does not cover equipment which may be integrated by a third party. The terms and conditions applicable to any specific sale of product shall be defined in the resulting sales contract. For questions on warranty or other customer service assistance, contact your Charles Customer Service Representative.

847-806-6300
mktserv@charlesindustries.com (email)
http://www.charlesindustries.com/main/telecom_sales_support.htm