

Charles Non-Louvered Round Vertical Pedestals

R02 Series

General Description and Installation

1. GENERAL INTRODUCTION	1
1.1. Document Purpose	1
1.2. Product Purpose	1
1.3. Product Mounting and Location	1
2. SAFETY PRECAUTIONS.....	2
3. PRODUCT DESCRIPTION	2
4. INSTALLATION.....	3
4.1. Inspecting the Product	3
4.2. Obtaining Tools and Equipment	3
4.3. Preparing the Installation Site.....	3
4.4. Installing the R02	3
5. TECHNICAL ASSISTANCE AND REPAIR SERVICE.....	4
6. CUSTOMER SERVICE.....	4
7. SPECIFICATIONS.....	4
8. PART NUMBER OPTIONS	4

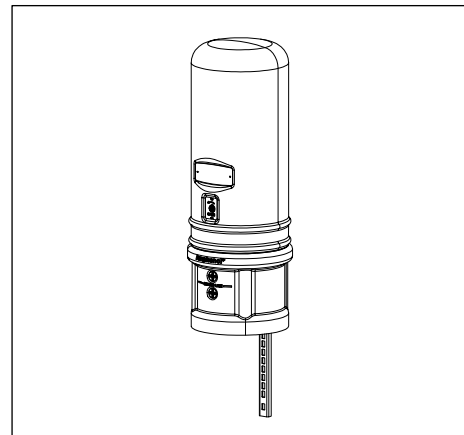


Figure 1 R02 Series Pedestal

1. GENERAL INTRODUCTION

1.1. Document Purpose

This document provides general information for the R02 Series of non-louvered round vertical pedestals. Figure 1 shows a view of the pedestal.

-NOTE-
Hereafter, the Charles R02 Series pedestal will be referred to as the "R02."

1.2. Product Purpose

The R02 provides protection for fiber terminals and passive CATV/broadband components in outside plant cable environments.

1.3. Product Mounting and Location

The R02 is suitable for burial up to the ground line indicator on the pedestal base.

2. SAFETY PRECAUTIONS



— WARNING —

Risk of serious eye damage! Never look into the end of a fiber optic line or use a magnifier in the presence of laser light or radiation. Exercise caution when installing, testing or maintaining live circuits. If eyes are exposed to laser light or radiation occurs, immediately seek treatment by a medical professional.



— WARNING —

Cable and fiber cleaning solvents may contain hazardous or harmful materials. Maintain good housekeeping practices and refer to the SDS when working with cleaning solvents or similar products.

Shards and cleaved glass fibers are very sharp and can easily pierce the skin. Use tweezers to pick up cut glass fibers and place them in a specifically designated container. Do not consume any food products near the cable installation site.

Corrugated metal or armor in feed cables is very sharp when cut or exposed. Exercise extreme caution to prevent personal injury. Use protective work gloves when handling armored cable.



— CAUTION —

Perform all bonding and grounding prior to making any electrical and communications connections.

Be careful not to damage any buried cables or service wires while digging either to expose cables or to prepare a hole or trench, or while driving stakes. Buffer tubes and fibers are sensitive to excessive bending, pulling, and crushing forces. To avoid kinking of buffer tubes and fiber damage or breakage, exercise great care when working with fiber, and do not exceed or violate minimum bend radius requirements for fibers, buffer tubes, and cables.

3. PRODUCT DESCRIPTION

The pedestals are made of high impact resistance HDPE. The R02 includes a base that must be buried at the site, with a removable cover that locks into place. It also comes with a 37 inch mounting stake that is equipped with slotted holes and offers easy installation of hardware and equipment. Two models are available, one with a hex lock and one with a p-key lock.

Figure 2 shows the R02 dimensions. Figure 3 shows the main components of the R02.

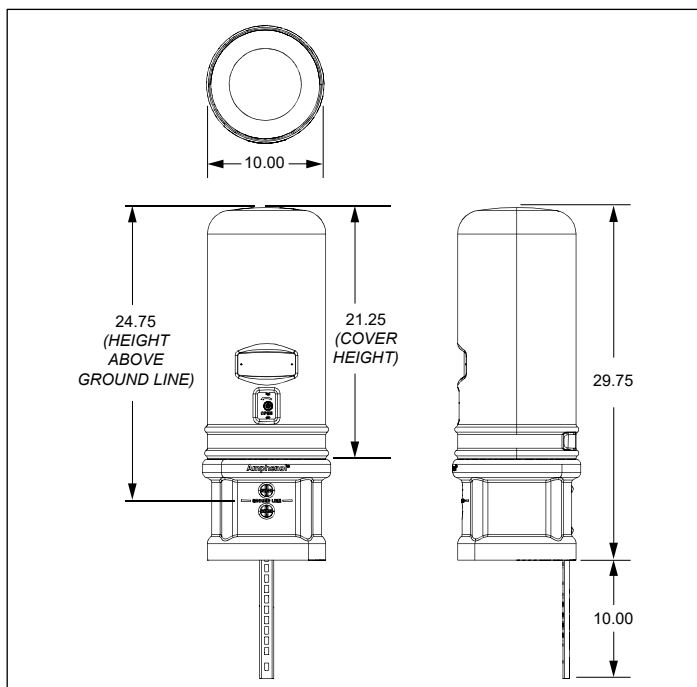


Figure 2 R02 Dimensions (in inches)

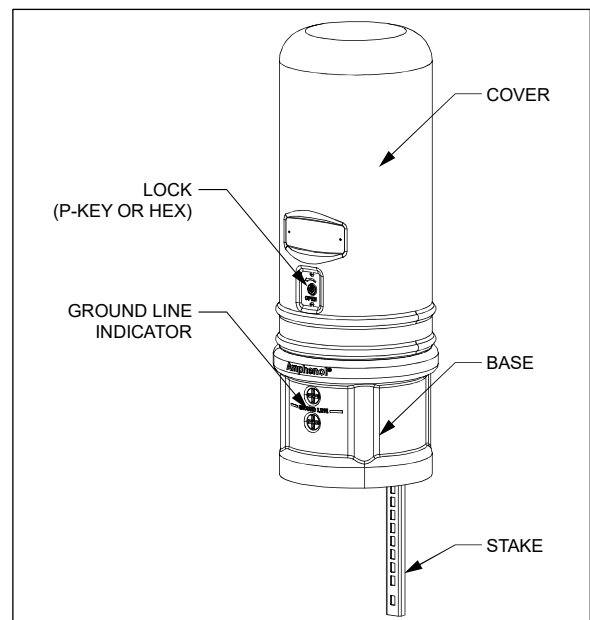


Figure 3 R02 Components

4. INSTALLATION

4.1. Inspecting the Product

-INSPECTION NOTE-

Visually inspect the unit for damages prior to installation. If the equipment was damaged in transit, immediately report the extent of the damage to the transportation company.

4.2. Obtaining Tools and Equipment

Obtain the following recommended or needed items for installing the R02.

- Protective and/or insulated work gloves
- Safety glasses
- Digging/trenching equipment
- Pea gravel
- Tape Measure
- P-key or hex key (can wrench)

4.3. Preparing the Installation Site

Observe the following site preparation recommendations.

- Leave adequate horizontal and vertical space between multiple installations to allow for proper access to the cover and for working with internal components.
- The site must meet minimal personnel and equipment safety requirements.
- Run all fiber and copper facilities to the site.

4.4. Installing the R02



Caution! Do not damage any buried cables or wires while digging.

1. Use a p-key or hex key to remove the cover from the base (quarter turn counter-clockwise, Figure 4). Set the cover aside.
2. Dig and prepare a hole per company practice. The hole should be about 4" past the base on all sides. Total depth should be 15" (depth from the bottom of the stake to the ground line indicator).
3. Follow company practice to install cable conduit or direct buried cable and cut to correct length.
4. Place the base into the hole. Backfill around the stake (Figure 5).
 - a. On the outside of the base, backfill to the ground line indicator. Tamp and level.
 - b. On the inside of the base, only backfill to the bottom of the base. Tamp and level.
5. Place a layer of pea gravel inside the base up to the ground line. This discourages rodent intrusion into the pedestal.
6. Replace the cover and lock using the p-key or hex key (quarter turn clockwise).

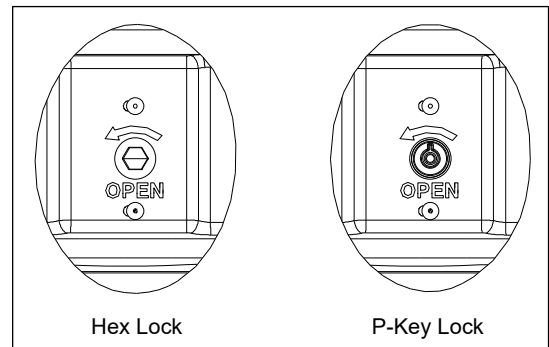


Figure 4 R02 Lock Options

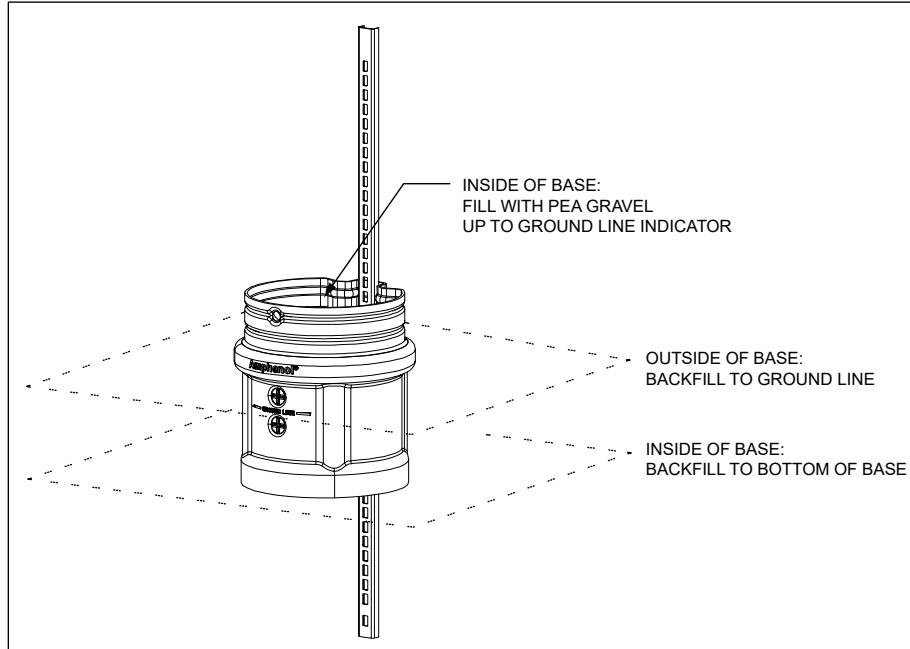


Figure 5 R02 Installation

5. 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>

6. CUSTOMER SERVICE

For 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

7. SPECIFICATIONS

Physical	
Dimensions	30"H (base + cover), Ø10"
Weight	Approx. 10 lbs. as shipped
Materials	Base and Cover: High impact resistant HDPE Stake: Steel
Color	Dark Green or Light Green

Table 1 R02 Specifications

8. PART NUMBER OPTIONS

Part Number	Description
R02SCCP-21000BK	Round, Ø10", non-louvered pedestal with p-key lock
R02SS07-21000BK	Round, Ø10", non-louvered pedestal with hex lock

Table 2 Part Numbers