

CraftSmart FiberFirst 6-Inch Pedestal

Installation Manual



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Application

The CraftSmart® FiberFirst 6-Inch Pedestal provides a secure, above-ground access point for fiber-to-the-home (FTTH) networks. The internal components of the pedestal are optimized for fiber-only deployments and offer configuration flexibility to suit the needs of the network. The compact design is ideal for housing several Clearfield® products.

Description

Clearfield's CraftSmart product line provides physical fiber protection for delivering a turnkey passive solution from the central office/headend to the customer premises. The CraftSmart FiberFirst 6-Inch Pedestal provides a small, cost-effective, non-metallic enclosure - meeting the industry standards for strength, reliability and environmental concerns.



The FiberFirst 6-Inch Pedestal consists of a two-part base and removable cover measuring 5.9" in diameter and 30" in height and is designed and tested to withstand harsh environmental conditions, as well as UV, chemical and impact resistance. The pedestal includes a built-in, multi-use metal frame for mounting various products inside the pedestal. An industry standard telco security screw (216) is used to attach and lock the cover to the base.

The FiberFirst 6-Inch Pedestal is designed to provide a small, aesthetically pleasing footprint, while providing maximum flexibility. Current configuration options include:

Empty Ped Option

The empty ped option is ideal for housing various types of fiber terminations. The pre-installed pedestal frame and ground bar make this a great option for rapid field installations close to the home.

SeeChange® Terminal Option

The SeeChange Terminal mounting bracket option is available to support the deployment of Clearfield's uniquely small SeeChange Terminal. The bracket and terminal can easily be installed in the field and ordered separately.

Technical Specifications

CraftSmart FiberFirst 6-Inch Pedestal	
Cover Only Dimensions	5.9" Diameter x 30.3"H
Base Only Dimensions	8.75" Diameter x 16.5"H (buried 12" deep with 4.5" above ground)
Cover Material	High Impact Resistant Thermo Plastic Material
Base Material	High Impact Resistant Thermo Plastic Material
Mounting Options	Direct Buried
Security/Locking	Telco Security (216) Screw Locks Cover to Base
Ground Bar	Included With Each Pedestal
Ground Stake	Ground Stake location molded into base. Customer supplied ground stake.
Application	Tether Bracket
Weight	10 lbs

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Installing the Pedestal

These instructions provide general information useful for pedestal installation. This guide cannot anticipate all situations that could develop in the field. Rather, it represents information applicable to common installation conditions.

Note: Prior to installation, do **NOT** remove the two black bands around the base of the pedestal.

Site Preparation:

Ensure that national/local electrical and building codes, as well as OSHA and company safety work rules, are observed and provisions made for street flags, barricades, and cones. Secure permits as required by the city and company.

WARNING: Buried Telecommunications Cables - Call Before Digging

Excavation:

Measure the pedestal base from the bottom to the underside of the top ring of the pedestal base. You will want almost all of the top ring of the pedestal above ground level when installation is complete. Measure the diameter of the pedestal base. Excavate a hole with the depth you measured plus 4-6 inches, as well as the diameter plus 8 inches, to give 4 inches of room to work with on each side. Confirm the excavation floor is level.

Installation:

Tamp and level the floor of your excavated hole. Clearfield highly recommends the installation of a vapor barrier, which will go below the crushed rock floor of the excavated area. Once the vapor barrier is installed, place 4"-6" of crushed rock and level, then place the pedestal.

Optionally, install the customer supplied pedestal stake to the back of the pedestal with large square washers.

Proceed to backfilling around the outside of the pedestal, tamping and leveling the earth once backfill is completed. Finally, fill the base of the pedestal with at least 6 inches of crushed rock.

Note: Base material shall be crushed rock 3/4" and smaller, and not "river rock" or "round stone." Desired compaction and equivalent resistance to lateral loading will not be achieved with round stone. The rock should be free of soil and organic material.



Pedestal Access

The FiberFirst 6-Inch Pedestal lid can be removed by loosening the two security bolts at the bottom from of the lid. Using a can wrench or a 7/16" socket, loosen the bolts, twist the lid and lift away.

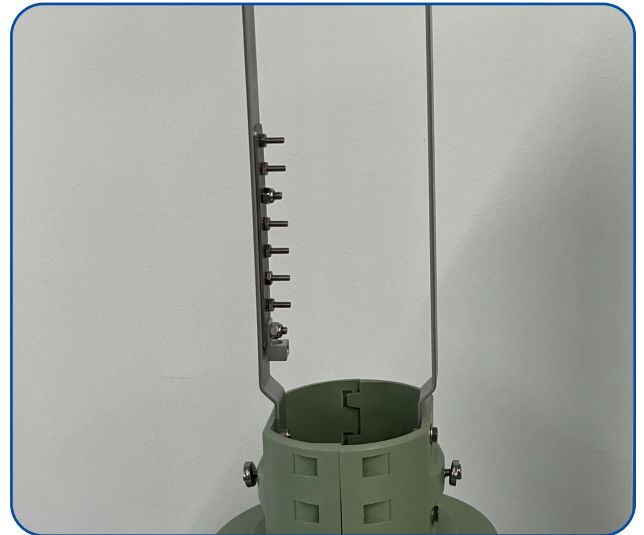
Note: Do **NOT** remove the two black bands around the base of the pedestal.



Grounding

Clearfield recommends that all grounding installations follow the "per local practice" guidelines for each application.

A ground bar is located on the inside of the pedestal's metal loop.



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Installing a SeeChange Terminal

1. Insert the threaded stud of the SeeChange Terminal's top bracket into the crossbar near the top of the pedestal.
2. Using the wing nut, secure the SeeChange Terminal into the pedestal.
3. Proceed to connecting your SeeChange Fiber Assemblies into the terminal.





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Standard Warranty

Clearfield warrants to the original purchaser of the Product sold hereunder is free from defects in material and workmanship under normal use and service, subject to exceptions stated herein. Product purchased is warranted as follows: Clearfield designed and branded Products are warranted for three (3) years; Products manufactured by Clearfield to customer prints and/or specifications are warranted for one (1) year; and any Product Clearfield acquires from or through a third-party manufacturer or distributor and resells to Customer as the original customer will carry the manufacturer's pass-through warranty, if any. In all cases, the warranty period commences on the date of shipment to the original purchaser.

Warranty Claim Procedure

If any Product purchased from Clearfield is found defective under the above warranty, the following basic procedure must be followed:

1. Customer must contact Clearfield and obtain a Return Materials Authorization
2. Following authorization, the Customer ships the product-freight collect to Clearfield's manufacturing facility
3. Clearfield shall repair or replace the defective Product at its sole option and discretion, and return the repaired or replacement Product to Customer's site, freight prepaid

Note: If the Product is not found to be defective by Clearfield, the product will be returned to the Customer and the customer billed for freight in both directions.

View our warranty policy here: <https://www.seeclearfield.com/warranty.html>

Limitations of Warranty

Correction of defects by repair or replacement, at the option of Clearfield Inc, shall constitute the exclusive sole remedy for a breach of this limited warranty. Clearfield shall not be liable under any circumstances for any special, consequential, incidental, punitive, or exemplary damages arising out of or in any way connected with the product or with agreement to sell product to buyer, including, but not limited to damages for lost profits, loss of use, or for any damages or sums paid by buyer to third parties. The foregoing limitation of liability shall apply whether the claim is based upon principles of contract, warranty, negligence or other tort, breach of statutory duty, principles of indemnity or contribution, the failure of any limited or exclusive remedy to achieve its essential purpose, or otherwise.

Clearfield will not be responsible for any labor or materials costs associated with installation or incorporation of Clearfield products at customer sites, including any costs of alteration, replacement or defective product, or any field repairs.

Other Limitations

Clearfield assumes no warranty liability regarding defects caused by:

1. Customer's modification of Product, excepting installation activities described in Clearfield documentation
2. Customer re-packaging of Product for shipment to third parties or destinations other than those originally shipped to by Clearfield, or any defects suffered during shipping where the Product has been re-packaged
3. Customer's installation or maintenance, excepting activities described in and performed in accordance with Clearfield documentation
4. Customer's improper or negligent use or application of Product
5. Other causes external to the Product, including but not limited to accidents, catastrophe, acts of God, government action, war, riot, strikes, civil commotion, sovereign conduct, or the acts or conduct of any person or persons not party to or associated with Clearfield
6. Environmental factors and weathering resulting in aging and damage not necessary or applicable to the function of the product

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Proprietary Notice

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Its purpose is to provide the user with adequately detailed documentation to efficiently install the equipment supplied. Every effort has been made to keep the information contained in this document current and accurate as of the date of publication or revision.

However, no guarantee is given or implied that the document is error free or that it is accurate with regard to any specification.

Technical Support

Clearfield, Inc. can be contacted for any issues that arise with the supplied product.

If you need to return the supplied product, you must contact the Clearfield, Inc. Customer Service Department to request a Returned Materials Authorization (RMA) number.

Clearfield, Inc.
7050 Winnetka Ave N
Minneapolis, MN 55428

Toll Free: 800.422.2537
Phone: 763.476.6866
Fax: 763.475.8457

Customer Support: sales@seeclearfield.com
Technical Support: techsupport@seeclearfield.com