

---

# BDO10, BDO12, and B06 ECTFT Series Pedestals

## General Description

---

### 1. GENERAL INTRODUCTION

This document provides general cabling information for the BDO10, BDO12, and B06 ECTFT pedestals with ECTFT backboards. These pedestals are designed to support brownfield installations requiring a copper terminal block, copper cable slack storage with connectors, and multi-port sealed fiber terminal block.

-NOTE-

*Hereafter, the BDO10, BDO12, and B06 ECTFT series will be referred to as the "BDO" or the "pedestal."*

#### 1.1. Product Purpose

These enclosures consist of a protective non-metallic pedestal enclosure for brownfield deployments consisting of a copper terminal block, copper slack, and connector storage and fiber terminal block-applications. There are two sizes of pedestals. Their capacities may vary depending upon the existing copper OSP components and chosen fiber terminal block.

- 10" diameter pedestal to house 2-, 4- or 8-position fiber terminal blocks, up to a 15-position copper terminal block and 100-pair copper straight splices
- 12" diameter pedestal to house 12-position fiber terminal blocks, up to a 15-position copper terminal block and 600-pair copper straight splices.

#### 1.2. Product Mounting and Location

These enclosures are suitable for outside plant-type (OSP) locations. The pedestals are buried in-ground in joint stake or stand-alone with a mounting stake (sold separately). The installer removes and discards the existing copper pedestal, routes new fiber cables/conduits to the location, and places the new pedestal over the cabling, performing appropriate wirework. Pedestal base installation is covered in a separate instruction guide included with the base.

### 2. PRODUCT DESCRIPTION

The pedestal is primarily used for brownfield deployments in which the user is adding a fiber terminal block to their existing twisted pair copper infrastructure. Actual deployments may vary from this description, depending on the type, age, and condition of the existing copper OSP plant and the company installation practices for the new fiber terminal block network. Follow company best practices when deploying the BDO.

The pedestal is designed with a 3-sided backplane that provides segregation of network functions:

- Side A: Fiber Terminal Block - Accommodates the sealed fiber terminal block
- Side B: Copper Terminal Block - Accommodates the copper terminal block
- Side C: Copper Connector and Cable Slack Storage - Accommodates storage of copper cable slack and connectors

The pedestal incorporates an 11-position bond plate to connect all metallic cables and other metallic components via user supplied bonding braids and grounding components, per company practices. Figure 1 displays the typical component deployment scenarios within the pedestal. Actual equipment positions within the backboard may vary depending upon available cable lengths and equipment component dimensions.

After components are installed, the BDO is ready for new service drops, which are added through the drop channel entry slot (lower front of the pedestal's base). Access the slot by excavating the soil directly in the front of the pedestal. Push the new service wire up through the front entry slot and guide it up the base's internal drop channel, exiting near the top of the base. The drop channel plug, located inside the base at the top of the drop channel, may need to be manually removed to allow the service wire to exit the drop channel. Reposition the drop channel plug before completing the service installation. The base installation practice provides information regarding the drop channel and plug. Connect the new service drop following company practices.

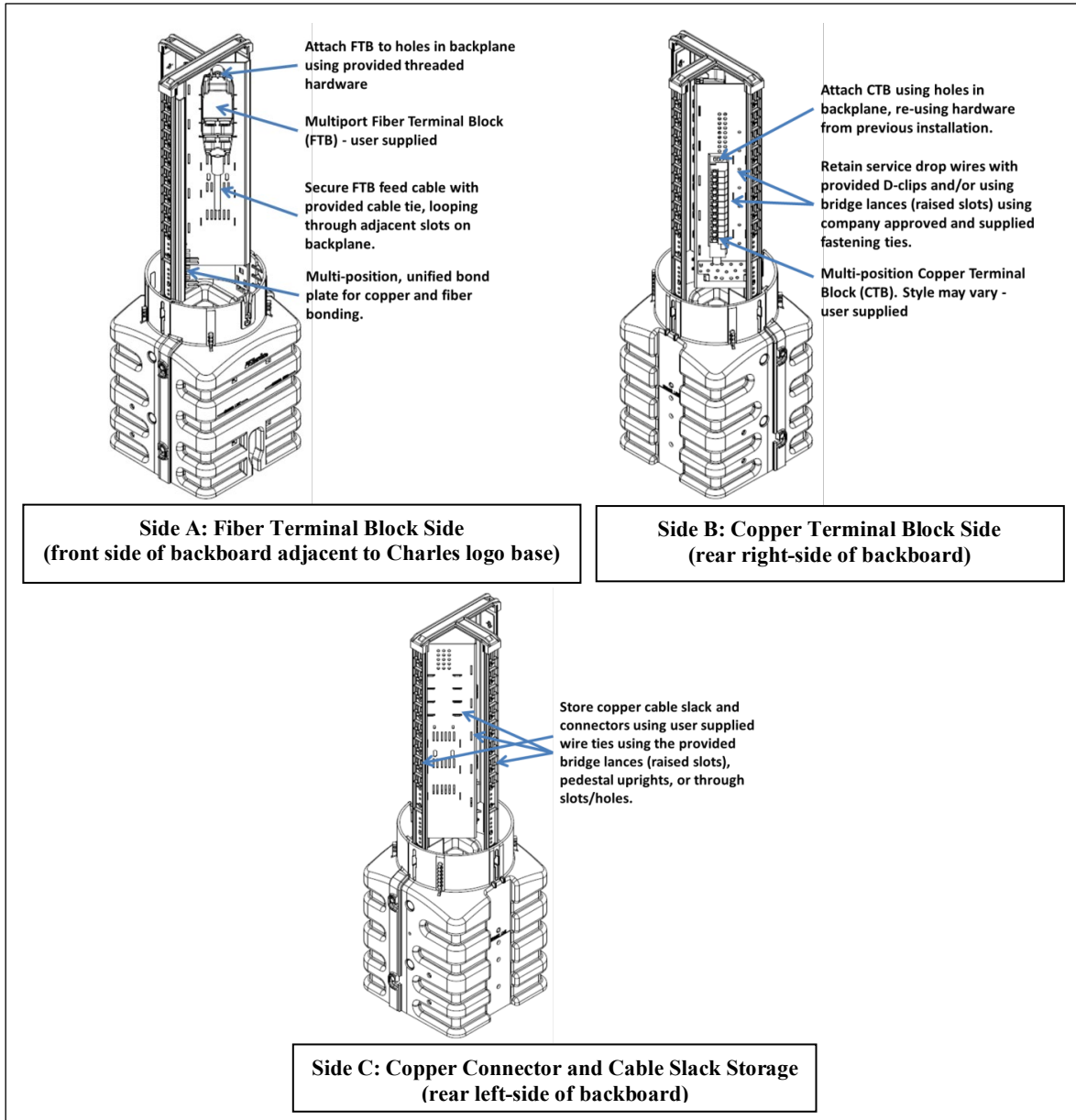


Figure 1 Deployment Configurations

### 3. 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](mailto:techserv@charlesindustries.com) (email)

<http://www.charlesindustries.com/techserv.htm>

### 4. WARRANTY & CUSTOMER SERVICE

Charles Industries LLC offers a five-year warranty on the pedestal product. 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](mailto:mktserv@charlesindustries.com) (email)

[http://www.charlesindustries.com/main/telecom\\_sales\\_support.htm](http://www.charlesindustries.com/main/telecom_sales_support.htm)