



## "Z" Hinged Fiber Adapter Panel Enclosure

**Access your fiber assemblies in the front of the enclosure to your fiber splices via a rear door without disturbing the fiber.**



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Information**

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### Trademarks Used in this Manual

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## 1. Specifications

**Color** — Black

**Metal Thickness** — 0.063" (0.16 cm)

**Size** — 11.8"H x 8"W x 4.9"D (30.2 x 20.4 x 12.4 cm)

**Weight** — 11 lb. (5 kg)

## 2. Overview

### 2.1 Description

This unique "Z" hinged fiber adapter wall mountable enclosure can hold up to two fiber adapter panels. It has a special dual "Z" hinged arrangement that allows front access to your fiber assemblies. It also has a rear door that can allow access to your fiber splices without disturbing the fiber assemblies in the front.

It's perfect for applications where you need fiber wall mounting but can only have access to your cabling from the front side. This fiber wallmount enclosure keeps your work neat and accessible.

An optional fiber splice tray can be used if fiber splicing is needed between the incoming fiber trunk and adapter panels.

This heavy-duty metal wall mountable enclosure has a locking front door. It holds up to two fiber adapter panels. The fiber adapter panel mounts inside the enclosure so unauthorized access to the fiber connections is available. However, all construction is riveted together so once it's fully installed and locked, it keeps your fiber connections secure from unauthorized users.

Fiber distribution trunk cables can enter the enclosure from the top or bottom rubber grommet opening in the rear. The fiber trunk cable can be anchored to the enclosure by using the Kevlar clamp located inside the enclosure. The fiber zip cord assemblies remain in the front. You can access your electronics through the two rubber grommets in the front. Fiber connects through the fiber adapter panels in the middle of the enclosure. The front and back compartments are held together with two spring loaded screws. An optional fiber splice tray is available.

### 2.2 What's Included

Your package should include the following items. If anything is missing or damaged, contact Black Box Technical Support at 724-746-5500 or [info@blackbox.com](mailto:info@blackbox.com).

- (1) "Z" hinged wallmount enclosure
- (1) DANGER sticker
- (4) 4" (10.2-cm) cable ties
- (4) mounting screws
- (1) set of semi-circular rings
- (6) 1" (2.5-cm) stick-on cable organizers
- (2) 1" (2.5-cm) push-on cable organizers
- (30) 3" (7.6-cm) small cable ties
- (1) set of ID markers – numbers 1 and 2
- (1) fiber adapter panel ID enclosure sticker
- (2) keys
- This user's manual

## 2.3 Diagrams

Figure 2-1 shows the front of the enclosure. Figure 2-2 shows the inside of the enclosure.

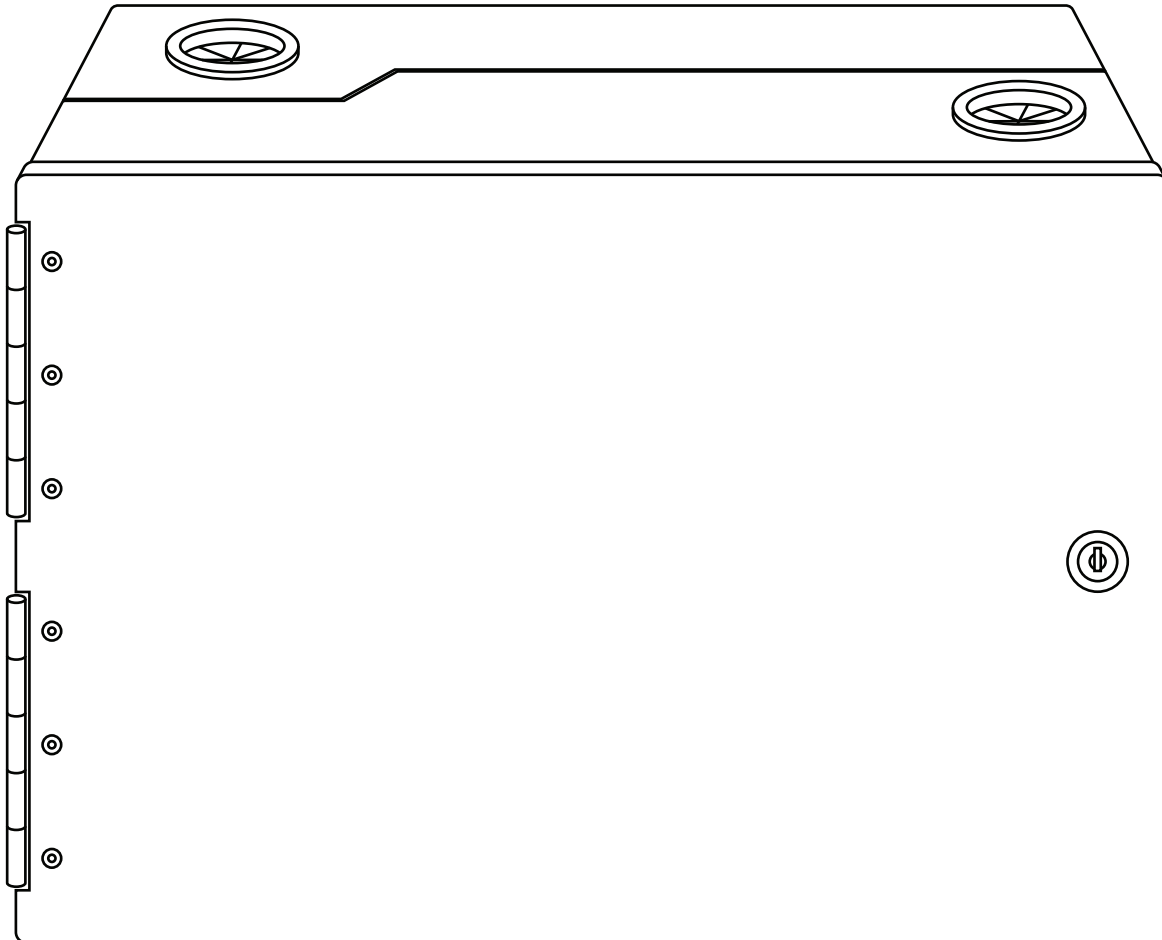


Figure 2-1. Front view.

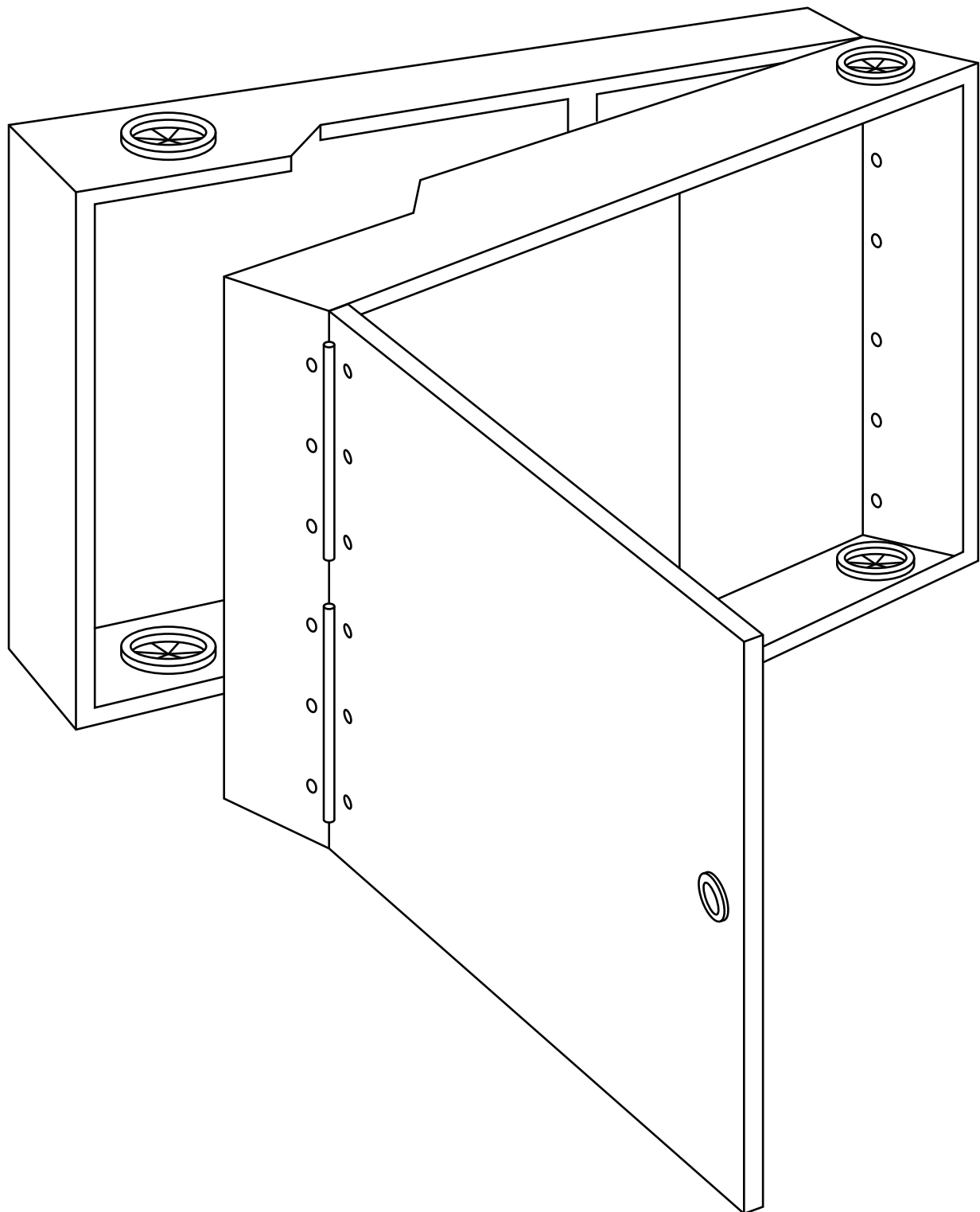


Figure 2-2 Inside view.

### 3. Installation

1. Find a smooth, flat surface to mount the enclosure.
2. Open the enclosure so you can access the rear compartment. Use the supplied mounting screws or use mounting screws that are appropriate for the surface to anchor the enclosure to the surface.
3. Close the rear compartment. Install the fiber adapter panels into the middle of the enclosure via the front compartment.
4. Re-open the rear compartment. Route your fiber trunk cable into the enclosure through either the top or bottom rubber grommet in the rear compartment. Secure the Kevlar® yarn from the fiber trunk cable to the Kevlar clamp inside the enclosure to provide strain relief. Make sure you leave enough slack to connect the fiber to the adapter panels.
5. Use the semi-circular rings to dress your fiber strands or use the optional fiber splice tray to connect to the fiber adapter panels.
6. Close the rear compartment.

*NOTE: Once your fiber splicing or connectivity is complete in the rear compartment, make sure you secure and close the rear compartment with the two spring-loaded screws in the front. This will keep the rear compartment from accidentally opening.*

7. With the front door open and the rear compartment secured with the two spring-loaded screws, connect your fiber cable assemblies from the fiber adapter panels to your equipment through the two rubber grommet openings.
8. Use the cable management ties and organizer as needed to dress your wiring inside the enclosure.
9. Attach the ID label sticker to the inside door and identify your work.

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