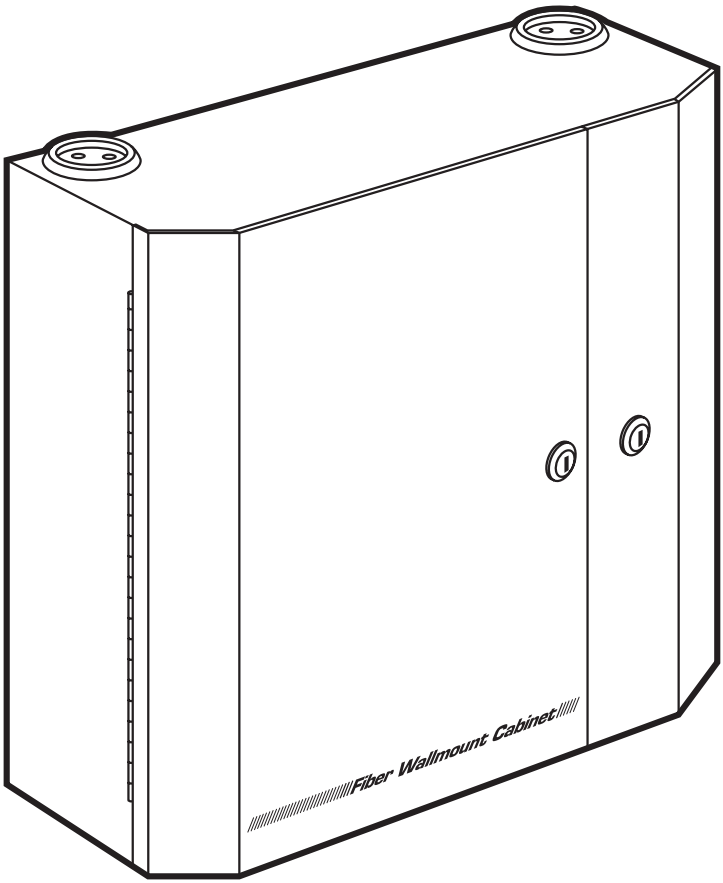
BLACK BOX®

JPM403A-R2

Fiber Wallmount Cabinet, 12-Adapter



CUSTOMER SUPPORT INFORMATION

Order **toll-free** in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)
FREE technical support 24 hours a day, 7 days a week: Call **877-877-2269** or fax **724-746-0746**
Mailing address: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018
Web site: **www.blackbox.com** • E-mail: **info@blackbox.com**

Specifications

Construction: 16-gauge steel

Size: 6.51"H x 14.02"W x 15.98"D (16.5 x 35.6 x 40.6 cm)

Weight: 20.7 lb. (9.4 kg)

What's Included

- (1) fiber enclosure cabinet (assembled)
- (4) rectangular cable rings
- (2) sets of semi-circle cable rings (installed)
- (10) 11-inch (27.9 cm) cable ties
- (1) danger sticker
- (1) fiber ID sticker
- (2) sets of adapter label ID stickers
- (1) pair of keys "A32121"
- (1) pair of keys "B31221"

Overview

The Fiber Wallmount Cabinet, 12-Adapter mounts on a wall and holds up to 12 fiber adapters.

The cabinet enclosure has two front-access locking doors. Each door has its own key for dual security. The left door and its corresponding key are marked with "A32121". Use this side of the cabinet for technician access. The right door and its matching key are imprinted with a "B31221" marking. Use this side of the cabinet for user access.

The cabinet enclosure has four fiber access holes, one on each corner. Inside the enclosure, the fiber adapter panels mount vertically in the center of the cabinet. Plus, the enclosure can support an optional splice tray.

Installation

Preparing the Enclosure and Mounting it on a Wall

1. Place the Fiber Wallmount Cabinet near the incoming fiber and patch cord routing.

2. Mount the cabinet on a wall. Use the enclosure as a positioning template, then use fasteners that are appropriate for the wall construction.

3. Make sure there is at least 3.2 feet (1 m) of incoming cable to terminate. You will strip this cable to expose the fibers and then store the fiber slack in the enclosure.

4. If splice trays are required in the cabinet, install them first. If you will not use splice trays, use the snap-in wire clips in the mounting holes.

5. Do not exceed the minimum bend radius (for example, 1.18" [3 cm] for 900-micron buffered fiber cable) when routing the fiber slack cable.

6. Next, install the fiber adapter panel in the center vertical mount. Snap the fiber panels into position, then press the button on the panels to lock them in place.

Installing the Cable

1. Carefully feed approximately 54 inches (137.2 cm) of cable through the round access port in the enclosure.

2. Mark the cable jacket where it will tie to the cable bracket.

3. Use a Kevlar® clamp (located in the upper and lower corners on the technician's side of the cabinet) to firmly hold the bulk fiber cable in place.

4. Carefully remove the jacket and all strength members to a point above (closer to the end) of the tie-down point. (You will place the cable tie on jacketed cable.) Follow the manufacturer's recommendations for stripping and cleaning the cable.

5. Secure the cable to the cable tie bracket as shown in Figure 1.

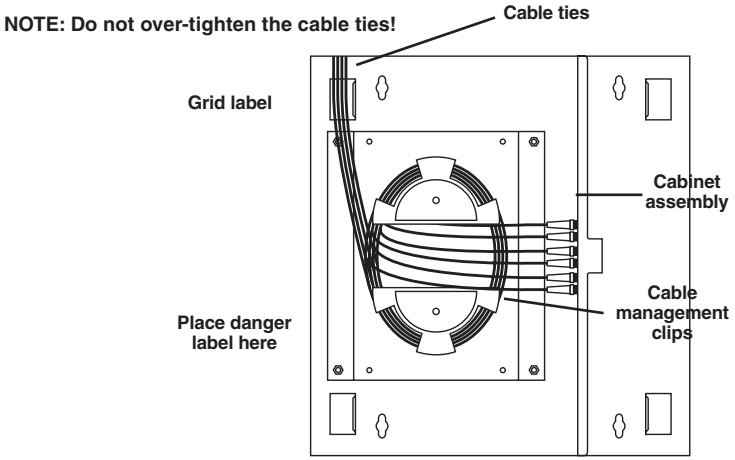


Figure 1. Inside view of the cabinet.

6. Loosely route fibers around the fiber management clips to determine the best length for terminating and storing the fiber slack. Trim the fibers, if necessary, and remove the excess from the clips.

7. Terminate the fibers according to the connector manufacturer's recommendations.

NOTE: The installer must determine the proper termination method, including whether additional supportive materials (break-out kits) are required.

8. When all fibers are terminated, clean the connectors and insert them into the appropriate adapters.

9. Gently route the fiber slack into the management clips.

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