



1U Pull-Out Fiber Splice Tray Enclosure

Internal tray pulls out towards the user, providing room to manage the fiber cable behind the fiber adapter panels.

Supports up to three fiber panels.



**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 724-746-5500 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

1U Pull-Out Fiber Splice Tray Enclosure

1. Specifications

Size — 1.8"H x 16.9"W x 10.4"D (4.5 x 43 x 26.4 cm)

Weight — 14.3 lb. (6.5 kg)

2. Overview

2.1 Description

This rackmount fiber enclosure supports up to three fiber adapter panels. It has an internal tray that pulls out towards the user, providing plenty of room to manage the fiber cable behind the fiber adapter panels. The tray has a pair of "rail stops" to prevent the tray from pulling out all the way, which could damage the installed bulk fiber and fiber splicing. The tray locks in place when closed by using a pair of front push/pull buttons to secure the tray inside the enclosure.

The fiber enclosure is rackmountable and only requires 1RU of mounting space. The rack mounting ears support both 19" and 23" cabinets and can be front- or center-mounted, depending on the user's application. The enclosure includes two pairs of distribution rings to provide cable management for the fiber distribution cable trunk entering the enclosure from the back. You can re-position the distribution rings in various ways, depending upon your application. If required, the enclosure can support up to a pair of Fiber Splice Trays (sold separately). Using the distribution rings and optional Fiber Splice Tray, you can set up different internal configurations for your application. The fiber enclosure has two separate Kevlar® clamps to secure the fiber trunk to the enclosure.

2.2 What's Included

- (1) 1RU Pull Out Tray Fiber Rackmount Enclosure
- (1) DANGER Sticker
- (4) 4-inch (10.2-cm) cable ties
- (6) 1-inch (2.5-cm) cable organizers
- (4) 10-32 rackmount cup-head screws
- (4) 12-24 rackmount cup-head screws
- (30) 3-inch (7.6-cm) cable ties
- (2) sets of cable distribution rings
- This user's manual

3. Installation

1. Find one rack unit of space in your data cabinet or rack to mount the fiber enclosure.
2. The mounting ears are attached in the 19" front mounting position from the factory, but you can adjust them to suit your cabinet.

NOTE: The fiber cabinet ships with the mounting ears installed. It supports optional 23" and center mounting.

3. Use the supplied cup-head screws to securely mount the enclosure to your data cabinet.
4. Install your fiber adapter panels inside the enclosure. This enclosure supports up to three fiber adapter panels. The footprint of the adapter opening is the standard LGX layout, so basically any LGX fiber adapter panel should mount in the enclosure, but we recommend that you use Black Box fiber adapter panels for the best fit.
5. Bring your bulk fiber trunk cable inside the enclosure. It can enter the enclosure from either one of the two openings in the rear of the enclosure.
6. Strip the outer cable jacket away from the fiber trunk. Make sure that you secure the fiber trunk to the tray using the Kevlar clamps located on the left or right side of the tray. Using Kevlar clamps is the only correct method to secure bulk fiber to an enclosure.
7. Configure the distribution rings to dress the fiber before you field-terminate or begin splicing.

NOTE: You can configure the distribution rings in multiple ways. Install an optional fiber splice tray if fiber splicing is necessary. See Figure 3-2.

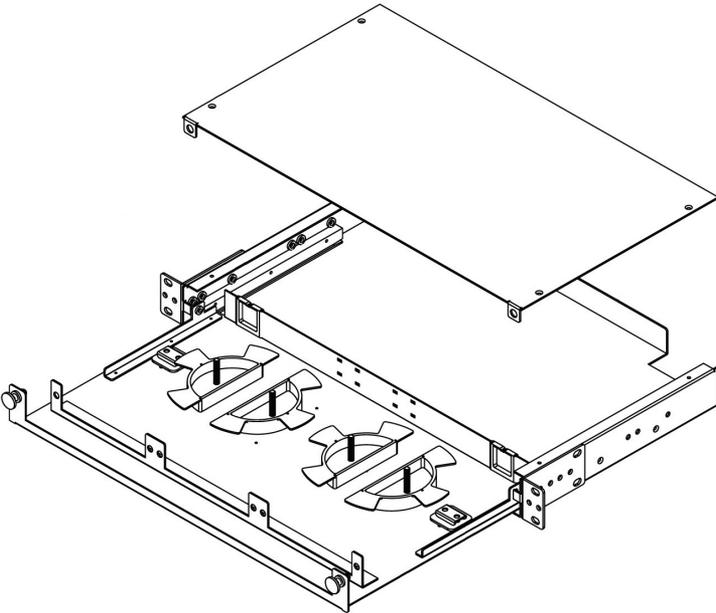


Figure 3-1. Inside front view of the fiber adapter panel.

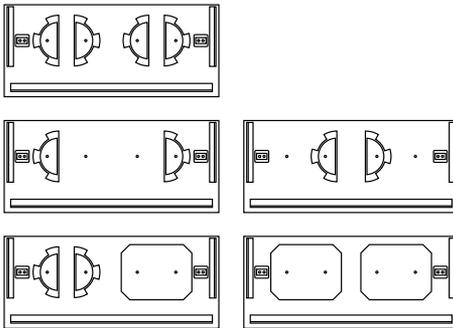


Figure 3-2. Different configuration options for the distribution rings and splice tray.

8. After you terminate the bulk fiber cables, connect them to the rear of the fiber adapter panels already installed.
9. Neatly dress the excess fiber strands and close the tray. To lock the tray in place, push the two buttons in place after closing the tray.

Black Box Tech Support: FREE! Live. 24/7.

Tech support the
way it should be.



Great tech support is just 30 seconds away at
724-746-5500 or blackbox.com.



About Black Box

Black Box provides an extensive range of networking and infrastructure products. You'll find everything from cabinets and racks and power and surge protection products to media converters and Ethernet switches all supported by free, live 24/7 Tech support available in 30 seconds or less.

© Copyright 2012. Black Box Corporation. All rights reserved. Black Box® and the Double Diamond logo are registered trademarks of BB Technologies, Inc. Kevlar is a registered trademark of E. I. du Pont de Nemours and Company. Any third-party trademarks appearing in this manual are acknowledged to be the property of their respective owners.

JPM427A, version 1

724-746-5500 | blackbox.com