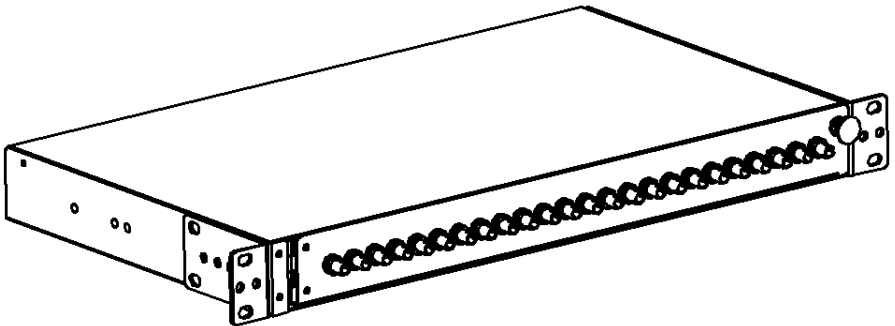
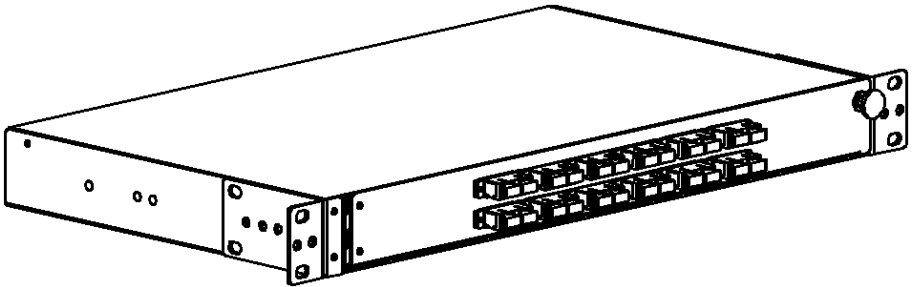




JUNE 2007
JPM370A-R2
JPM375A-R2
JPM380A
JPM385A

Rackmount Fiber Patch Panel



**CUSTOMER
SUPPORT
INFORMATION**

Order toll-free in the U.S.: 877-877-BBOX (outside U.S. call 724-746-5500)
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1. Specifications

Capacity: Fits in 19" or 23" racks

Construction: 16 AWG cold-rolled steel

Connectors: JPM370A-R2: (24) ST[®] adapters;
JPM375A-R2: (12) duplex SC adapters;
JPM380A: (12) duplex LC adapters;
JPM385A: (24) duplex LC adapters

Size: 1.75"H (1U) x 16.8"W x 10.8"D (4.4 x 42.7 x 27.4 cm)

Weight: 10.3 lb. (4.7 kg)

2. Overview

The Rackmount Fiber Patch Panel is available in several fiber configurations that support ST, SC, and LC connectors. (See Figures 1–4.) It provides termination for optical cables on the premises or in a central office.

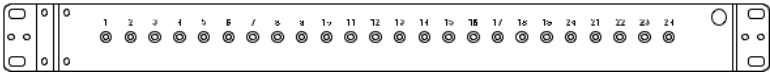


Figure 1. JPM370A-R2 front panel (24 ST adapters).



Figure 2. JPM375A-R2 front panel (12 duplex SC adapters).

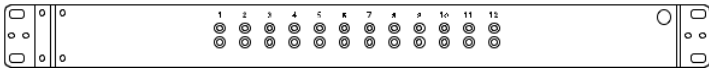


Figure 3. JPM380A front panel (12 duplex LC adapters).

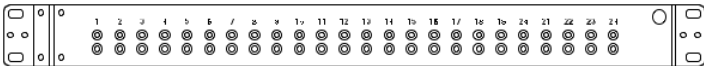


Figure 4. JPM385A front panel (24 duplex LC adapters).

The patch panel is constructed of 16 AWG steel housing and is compact and rugged enough for commercial applications. Its powder coating finish is corrosion resistant.

The patch panel is only one rack unit (1U) high, and you can access the preloaded fiber adapter via a pull-out tray. It's ideal for fiber installations where rack space is limited. The patch panel has two openings in the back for cable access and a rear bar that supports cable ties.

A cable routing spool provides storage for excess cable length.

Your package should include the following items. If anything is missing or damaged, please contact Black Box at 724-746-5500.

- (1) Rackmount Fiber Patch Panel
- (4) $10/32$ cuphead screws
- (4) $12/24$ cuphead screws
- (4) 4-inch (10.2-cm) cable ties
- (30) 3-inch (7.6-cm) cable ties
- (1) red “danger” sticker that warns you of laser hazard
- (6) 1-inch (2.5-cm) stick-on rectangular cable holders
- (1) pair of black spool rings for cable management
- This users' manual

3. Installation

DANGER

Do not look at the fiber ends if the laser is lit. Unmated connectors may emit invisible light, and this may cause eye damage.

1. The patch panel is shipped with two screws installed on the sides for the front rackmounting position. Either keep these in this position or move them to the middle or back positions to suit your application.
2. Using the included $10/32$ or $12/24$ cuphead screws, mount the shelf in a 19" or 23" rack.
3. Pull the button on the front right of the shelf to release the tray.
4. Install the fiber cables in the preloaded adapters on the pull-out tray. See Figure 5 on the next page.

NOTE

The patch panel supports 24 fiber adapters. Splice trays (JPM440A, not included) are optional. One splice tray supports 24 fibers.

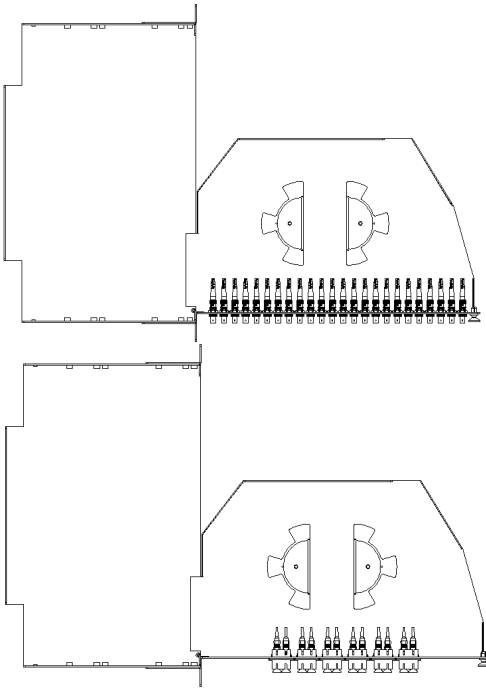


Figure 5. Rackmount Fiber Patch Panel with tray open.

5. Route the multipair distribution fiber cable through the opening in the back of the shelf.
6. Once you pull the cable through the opening in the shelf, use the cable ties and black spool rings to hold the cable in place inside the shelf.
7. Use the included 3" and 4" cable ties to secure the cable to the back plate.
8. Attach the “danger” sticker (see the DANGER note at the beginning of **Chapter 3**) to the outside top of the shelf.

9. Terminate the multipair fiber cable and connect it to the fiber adapters. See Figure 6 below.

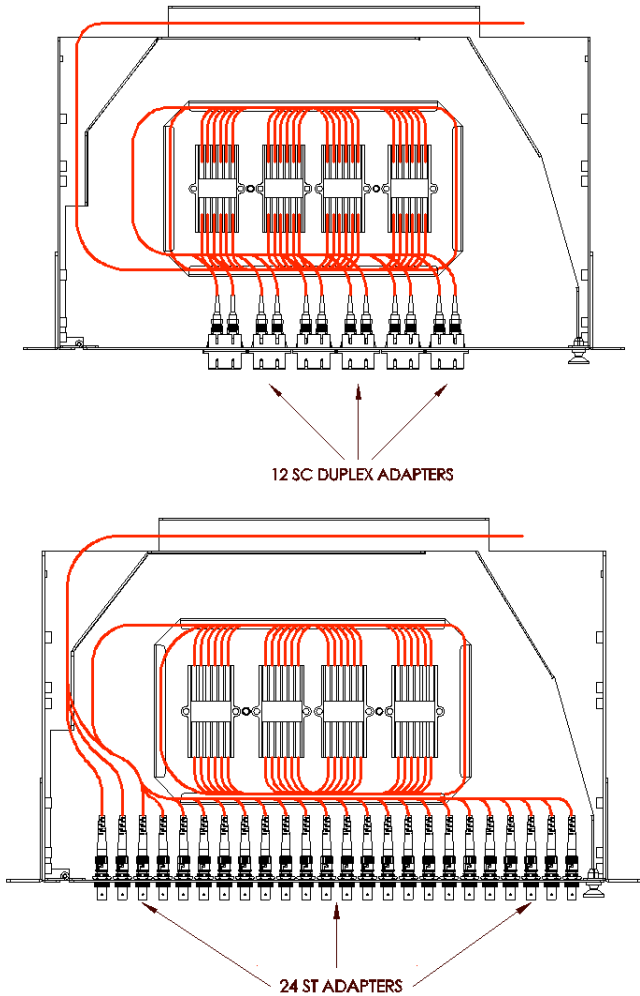


Figure 6. Terminated cable connected to the fiber adapter.



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