BLACK BOX®
NETWORK SERVICES

Category 6 High-Density Feed-Through Patch Panels

Provide patching without punching down the wires to the ports.

Meet CAT6 specifications.
Install in relay racks or communications cabinets.

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 •
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Category 6 High-Density Feed-Through Patch Panels

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1. Specifications

Standards: TIA/EIA 568B.2-1, Category 6

Connectors: JPM816A-HD: (48) shielded RJ-45 on front; (48) shielded RJ-45 on back;
    JPM820A-HD: (48) unshielded RJ-45 on front; (48) unshielded RJ-45 on back

Size: Panel including cable management: 1.75"H (1U) x 19"W x 6"D (4.4 x 48.3 x 15.3 cm)

Weight: JPM816A-HD: 3.8 lb. (1.7 kg);
    JPM820A-HD: 3.3 lb. (1.5 kg)

2. Overview

The Category 6 High-Density Feed-Through Patch Panels meet Category 6 performance requirements and provide patching without punching down the wires to the ports. These sturdy panels install in relay racks or communications cabinets.

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

- (1) Category 6 High-Density Feed-Through Patch Panel
- (4) 10-32 cuphead screws
- (4) 12-24 cuphead screws
- (8) cable ties
- (4) drain wires (with shielded panel [JPM816A-HD] only)
- (8) station ID labels

3. Installation

Use the High-Density Feed-Through Patch Panels in relay racks. They neatly organize and support the data cables you've installed in the rear of the patch panel.

Follow these steps to install the patch panel in a relay rack or communications cabinet:

1. Find an empty rack space.

2. Install the panel with the supplied 10-32 or 12-24 cuphead screws.

3. Install the RJ-45 patch cables on the front and rear connectors. Make sure the rear patch cables are resting on the cable management bar.

4. When using the shielded High-Density Feed-Through Patch Panels, make sure to attach the necessary drain wires. Use one drain wire for each shielded module on the patch panel. Attach the drain wire in either of the two places as shown in Figure 3-1. Connect the other end of the drain wire to proper ground.
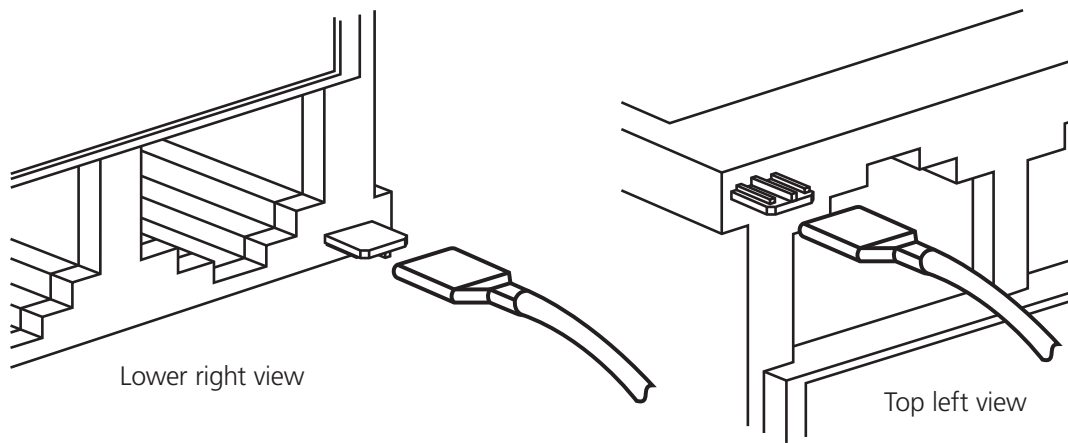
Lower right view

Top left view

Figure 3-1. Drain wire installation options for shielded models.

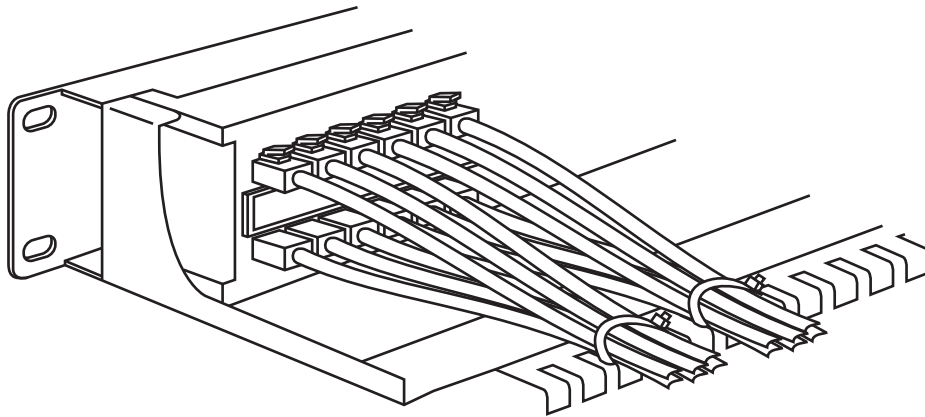5. Use cable ties to secure the cables to the cable management bar. See Figure 3-2.

Figure 3-2. Completed installation.

We're here to help! If you have any questions about your application
or our products, contact Black Box Tech Support at **724-746-5500**
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