

## Feed-Through CAT6A Patch Panels

### No punchdowns needed with this feed-through panel.

- Unique staggered panel design features RJ-45 ports on both sides of the patch panel.
- Feed-through connectors provide easy Category 6A connectivity.
- Perfect for voice and data transmission up to 10 Gbps.



### Specifications

**Standards** — Category 6A

**Connectors** — C6AFP70S-24: (24) shielded RJ-45 on front,  
(24) shielded RJ-45 on back;  
C6AFP70S-48: (48) shielded RJ-45 on front,  
(48) shielded RJ-45 on back

**Size** — C6AFP70S-24: 1.75"H (1U) x 19"W x 4.5"D  
(4.4 x 48.3 x 11.4 cm);  
C6AFP70S-48: 3.5"H (2U) x 19"W x 4.5"D  
(8.9 x 48.3 x 11.4 cm)

**Weight** — C6AFP70S-24: 2.02 lb. (0.918 kg);  
C6AFP70S-48: 3.89 lb. (1.76 kg)

### Overview

The Feed-Through CAT6A Patch Panels meet Category 6A channel performance requirements and provide patching without punching down the wires to the ports. These sturdy panels install in relay racks or communications cabinets.

After ordering a CAT6A Patch Panel, you should have received the following items:

- (1) CAT6A Patch Panel with ground wire installed
- (1) cable management bar for C6AFP70S-24,  
or (2) cable management bars for C6AFP70S-48
- (4) 10-32 cuphead screws
- (4) 12-24 cuphead screws
- This users' manual

If anything is missing or damaged, please contact Black Box at 724-746-5500.

For installation instructions, turn this page over...

### 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](http://www.blackbox.com) • E-mail: [info@blackbox.com](mailto:info@blackbox.com)

## Installation

Use the Feed-Through CAT6A Patch Panels with or without the cable management bar. The bar neatly organizes and supports the cables that are installed in the rear of the patch panel.

Find an empty rack space on a relay rack or communications cabinet.

### Without using the cable management bar:

1. Install the panel with the supplied 10-32 or 12-24 cuphead screws.
2. Install the RJ-45 patch cables on the front and rear connectors to make the connections.
3. Secure the ground wire to a relay rack or cabinet.

### Using the cable management bar:

1. Remove the two cuphead screws from the rear of the patch panel.
2. Position the cable management bar on the patch panel and reinstall the two cuphead screws.
3. Install a patch cable in one of the panel's rear ports. Unscrew the corresponding silver clip behind the installed port and position the patch cable under the silver bracket. Tighten the screw.
4. For a 48-port patch panel (C6AFP70S-48), repeat Steps 1 through 3 to install the second cable management bar.
5. Secure the ground wire to a relay rack or cabinet.

Installation is complete.



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C6AFP70S-24, version 1

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