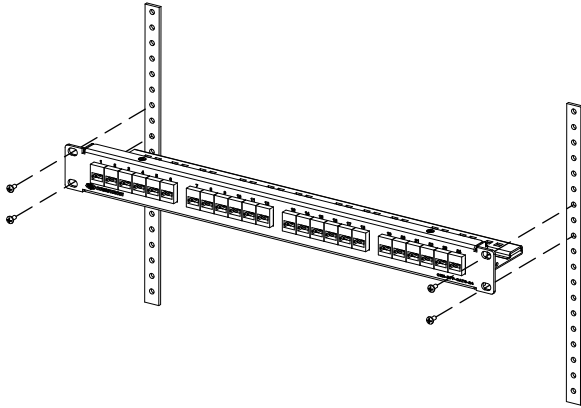## CEN-RPP-CAT6-24
24-Port CAT6 RJ45 Patch Panel

DO Install the Patch Panel

The Crestron® CEN-RPP-CAT6-24 occupies 1U of rack space. Mount the patch panel to the rack using the preferred rack mounting screws (not included).
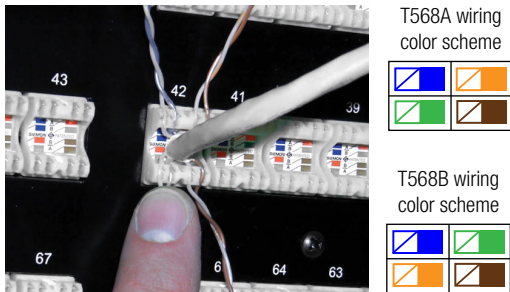

DO Prepare the Cables for Termination

1. Route the CAT6 Ethernet cables from the applicable Ethernet devices to the rear of the panel.

2. Use a jacket stripper tool (not included) to strip at least 2" (~50 mm) of cable jacket from the end of the cables. The wire gauge should be 23 to 26 AWG.

DO Connect the Patch Panel

Lace the Conductors

1. Observe the T568A or T568B color scheme indicated by the lacing posts, and then straighten and arrange the four twisted pairs according to the color scheme.

T568A wiring color scheme

T568B wiring color scheme

DO Check the Box

QTY	PRODUCT	PART NUM.
1	Accessory Kit containing (1) Front Panel Label Holder, (1) Front Panel Label Strip, (5) 19" Cable Ties, and (26) Termination Caps	2048538
1	Cable Management Bar	2048537

2. Arrange the cable pairs according to the desired wiring scheme, and then lace the conductors by pressing the wires firmly into position from both sides of the lacing post.
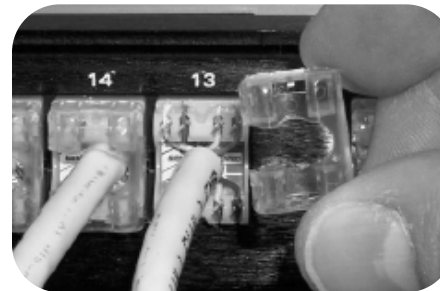
Terminate the Conductors

Once the conductors are laced, terminate the conductors using a 110 single-style punch tool.

NOTE: Ensure that the punch tool is in perpendicular alignment with the conductor during termination. Do not attempt to terminate the conductors at an angle.
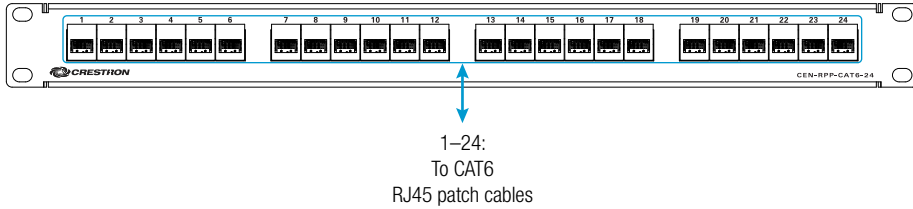
Install the Termination Caps

Install termination caps by snapping them on to the terminated conductors. This step should occur prior to testing the patch panel.

Connect the Patch Cables

Make connections to the front of the patch panel as shown in the following illustration. Ensure that the patch cable pairs follow the wiring scheme established when connecting the Ethernet cables.

1–24:
To CAT6
RJ45 patch cables

DO Complete the Installation

Install the Cable Management Bar and Secure the Cables

Attach the rear cable management bar to the appropriate slots on the rear of the patch panel. Then, secure the cables using cable ties (included) or hook and loop managers.

CAUTION: Do not overtighten the cable ties, as this may deform the cable jackets and may lead to decreased transmission performance.

Install the Labels

Peel the paper backing from the included label holder, and then align the bottom edge of the holder with the top edge of the front panel RJ45 ports, ensuring the holder is flush with the ports. Then, firmly press the holder against the patch panel until it adheres.

Once the label holder is installed, slide the paper label strip into place.

DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR image.

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