

Installation Guide

AngleFlex™ Patch Panel (Keystone-style)

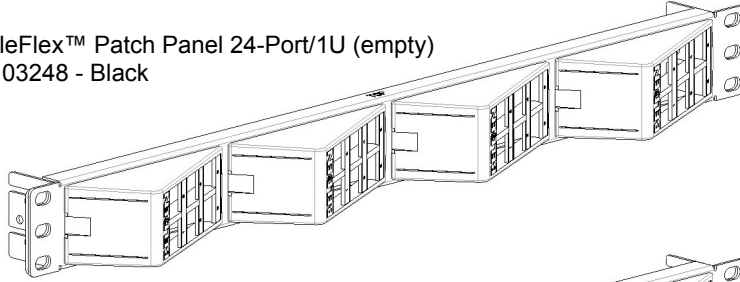
Mounting on 19" racks

Doc # PX104673 Release 01

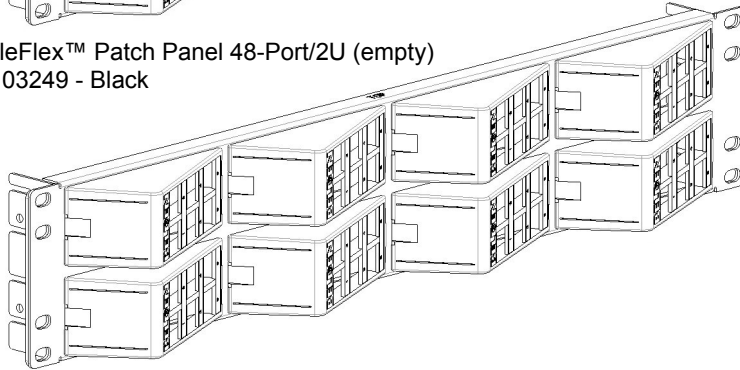
1 of 2 pages



AngleFlex™ Patch Panel 24-Port/1U (empty)
AX103248 - Black



AngleFlex™ Patch Panel 48-Port/2U (empty)
AX103249 - Black



LabelFlex™ Sheet - Ordering no AX103257

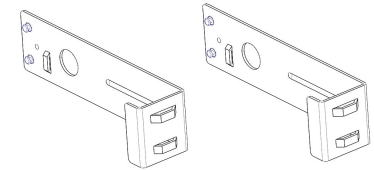


Printing Instructions can be found at:
www.belden.com/pdfs/techprsr/Printing_Instructions.pdf

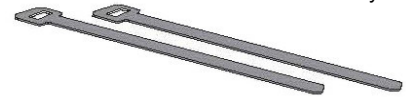
LabelFlex™ Software - Ordering no AX101569

Rear cable management bracket

- Patch Panel 1U Qty: 2
- Patch Panel 2U Qty: 4



- Velcro® Ties** - Patch Panel 1U Qty: 2
- Patch Panel 2U Qty: 4



Reference Documents

- PX103329 - GigaFlex Module
- PX103771 - 10GX Module

Belden Tools

- AX101852 - Termination Station
- AX100749 - GigaFlex Connecting Tool

Standard Tools

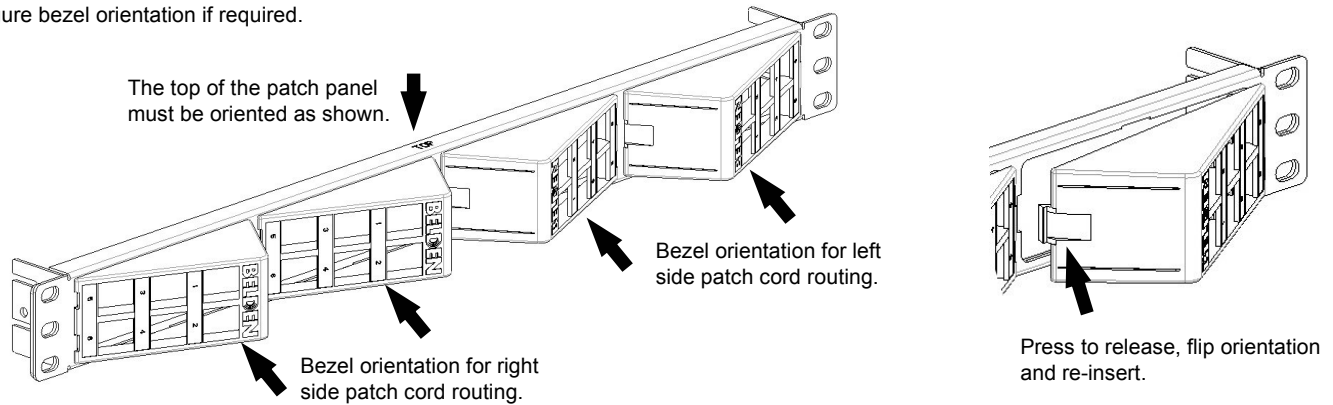
- Phillips screwdriver
- Cable stripper

Machine screws

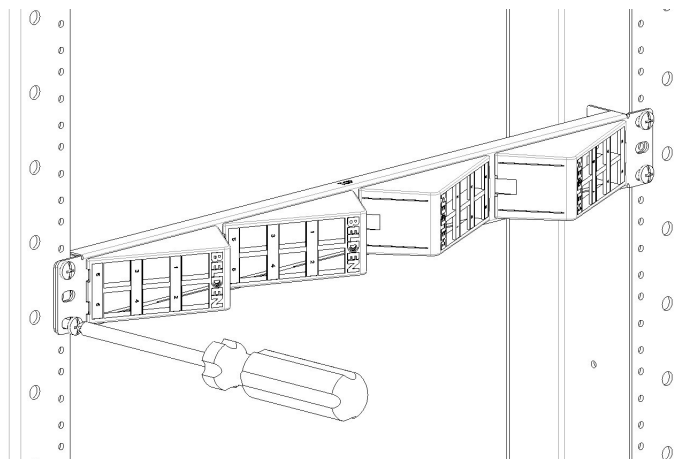
- 10 x 32 Qty: 4
- 12 x 24 Qty: 4



1. Reconfigure bezel orientation if required.

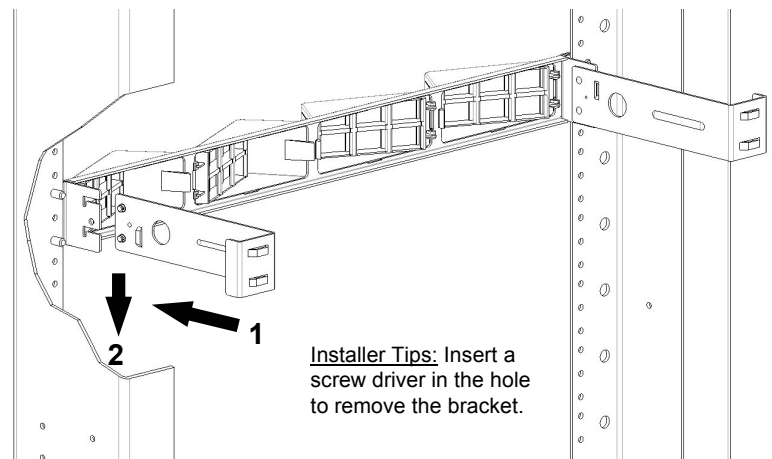


2. Attach the patch panel to the rack.



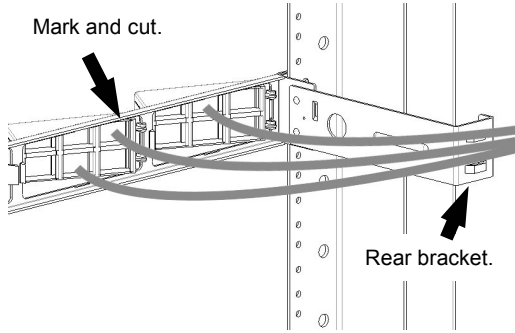
Using the appropriate machine screws, attach the patch panel assembly to the rack.

3. Rear cable management bracket installation.



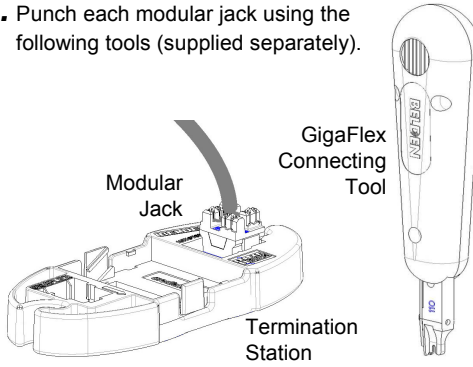
- 1- Insert the studs of the rear bracket in the patch panel.
- 2- Secure into the final position by pressing down.

4. Mark and cut each cable to the appropriate port opening.



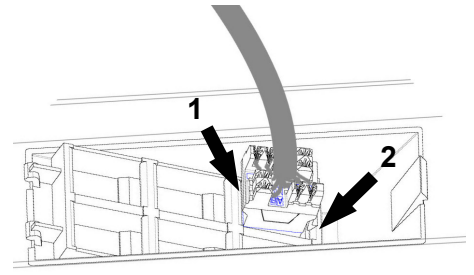
The cable lengths must be taken with the rear cable management bracket installed. The rear brackets can be removed after to ease the installation.

5. Punch each modular jack using the following tools (supplied separately).



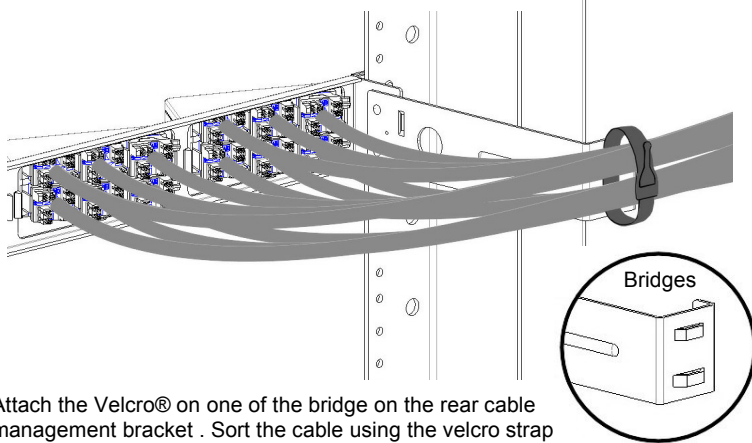
DO NOT punch the cable when the modular jack is in the bezel to prevent any damage. Refer to Instruction guide PX101718 for the termination station.

6. Install the modular Keystone jack in the bezel.



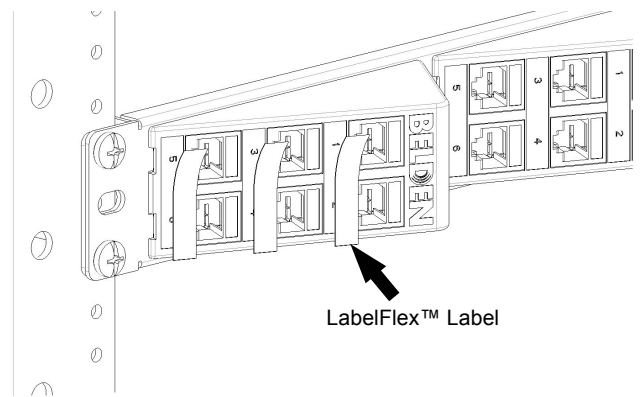
1- Engage the bottom of the jack in the opening.
2- Pivot the top latch in the opening as shown.

7. Secure all the cables using the Velcro® strap.



Attach the Velcro® on one of the bridge on the rear cable management bracket. Sort the cable using the velcro strap

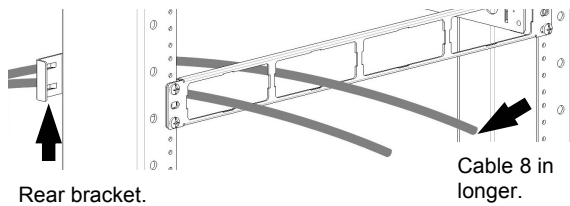
8. Apply the Labels for each pair of port when necessary.



Specific information can be written on the Label to identify each port.

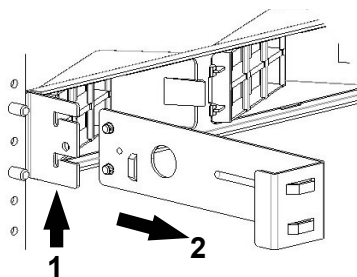
Alternative Front Installation The installation is the same as previously described except for the following steps.

4a. Pull the cable through the patch panel after carefully remove the bezel.

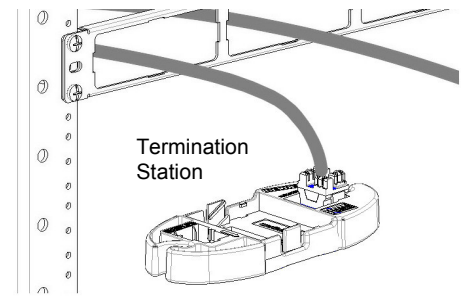


Make sure the cable is long enough to clear the rear brackets. Cut each cable approximately 8 inches longer for each modular jack.

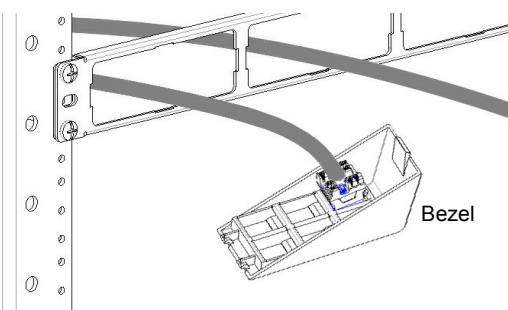
4b. Remove the rear cable management bracket to get more space.



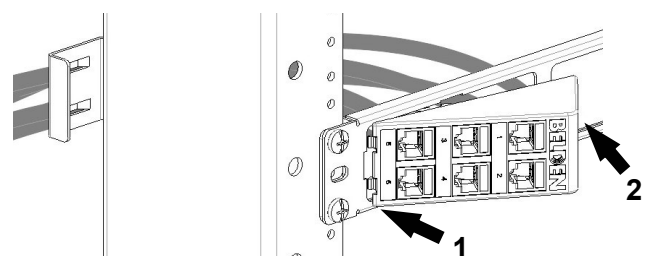
5. Punch the modular jack from the front of the patch panel.



6a. Install the modular Keystone Jack in the bezel.



6b. Re-install the bezel with the modular jack in the patch panel.



Re-install the rear cable management bracket and resume the installation at the step 7 previously described.