

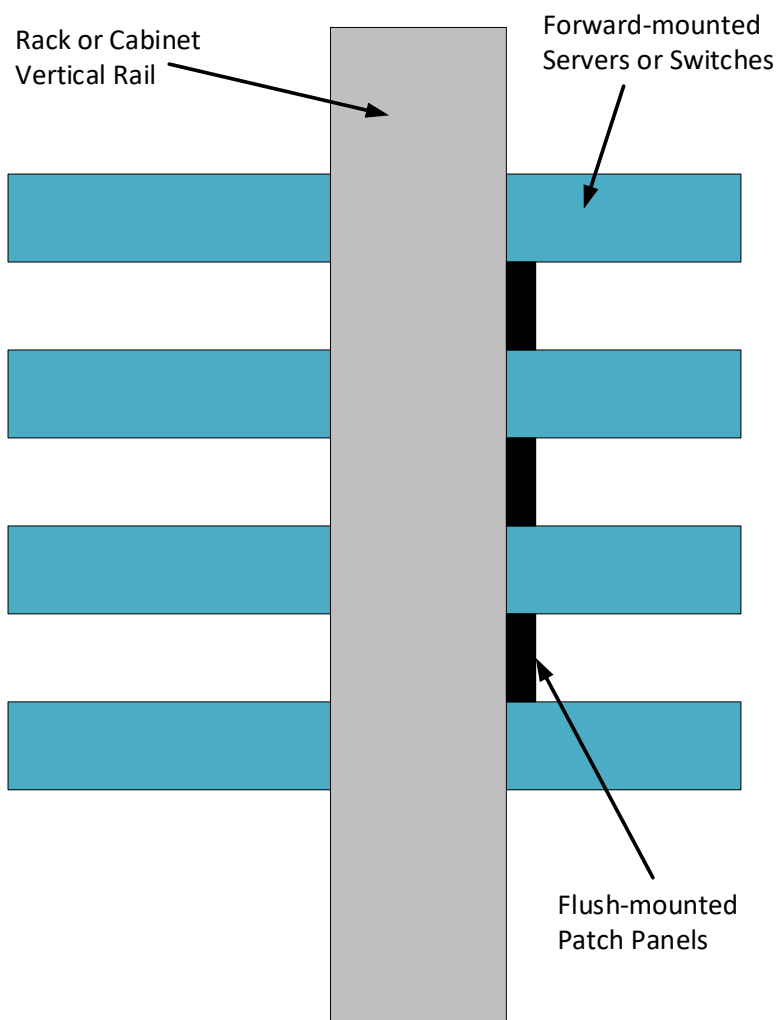
# Application Note

## Panel Extension Kit used for Extending Flat 1RU and 2RU Copper Patch Panels

### APPLICATION

When Patch Panels are installed in an Equipment Cabinet or rack, and there are also servers or switches in the rack; if the servers are not flush-mounted, a patch panel accessibility issue is created, with flush-mounted panels alternating with forward-mounted servers or switches, as illustrated in the drawing below.

These accessibility issues can be mitigated by using Panel Extension Kits (part number E2XxF-BKT) to bring the Patch Panels forward in the rack.



Application Note ID:  
NS-AN25-0009

Date:  
12/3/2025

Product Line:  
Copper Patch Panels

Part Numbers Affected:  
1RU and 2RU Panel Extension Kits (part number E2XxF-BKT), 1RU and 2RU Flat 110-type Copper Patch Panels, 1RU and 2RU Flat QuickPort Panels

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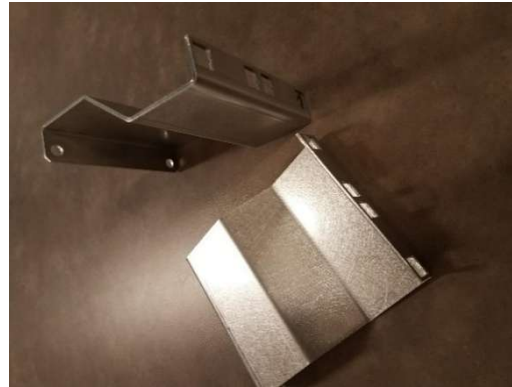
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## USE OF THE PANEL EXTENSION KITS

- The 1RU Panel Extension Kit (part number E2X1F-BKT) may be used to forward-mount any Leviton IRU Flat 110-style or QuickPort-style Patch Panel
- The 2RU Panel Extension Kit (part number E2X2F-BKT) may be used to forward-mount any Leviton 2RU Flat 110-style or QuickPort-style Patch Panel
- The Panel Extension Kits are not recommended for forward-mounting angled patch panels, as the middle (“nose”) of the angled panels would then protrude out further than the fronts of the servers or switches



Pair of 1RU Brackets



Pair of 2RU Brackets

- Obtain one kit for each panel to be forward mounted. Match kit size to panel size (1RU or 2RU)
- Place cage nuts (user provided) into the square holes of each bracket



Cage nuts placed

- For square-hole rack rails, install (user-provided) cage nuts at desired panel mounting location. For rack rails with tapped screw holes, brackets will be screwed directly into the rack.
- Use four rack-mount screws (user-provided) through the brackets round holes, to mount extension brackets into cabinet or rack.
- Use patch panel rack-mount screws to attach panel to front flanges of brackets (panel attaches to cage nut end of brackets).

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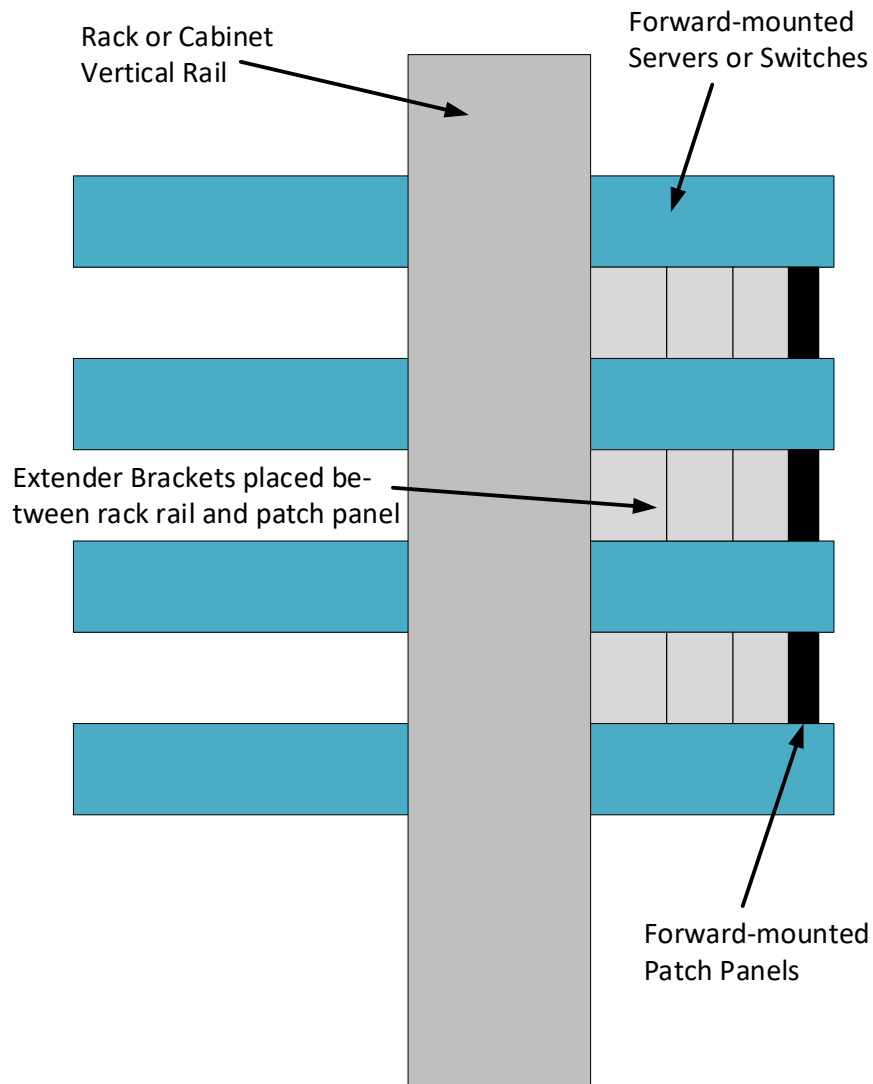
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- This use of panel extension kits will result in patch panels being brought forward to flush (or near-flush) with the fronts of the forward-mounted servers or switches, as shown below:



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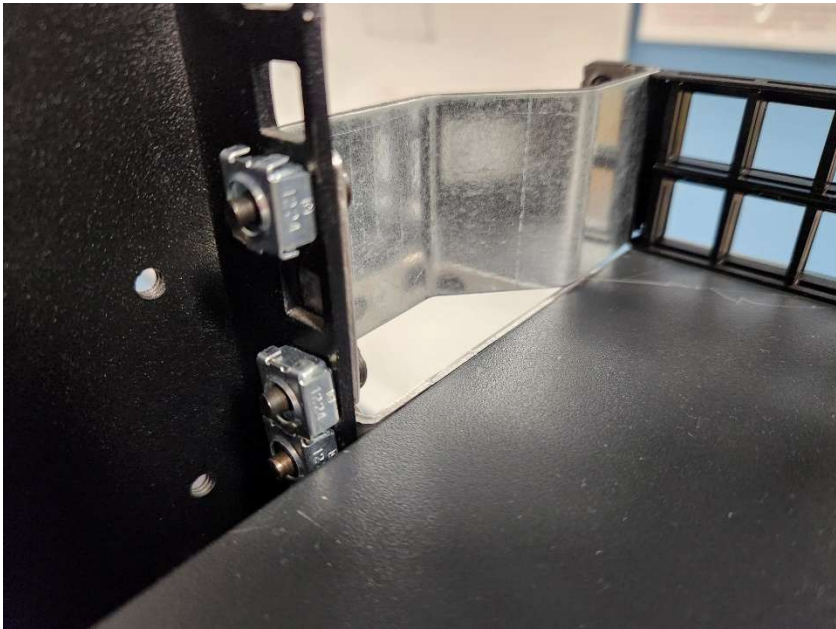
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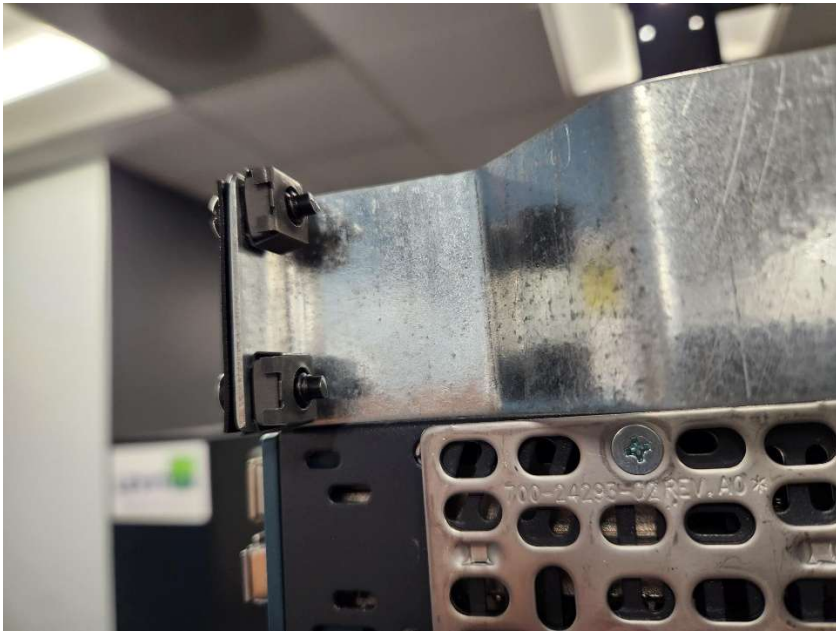
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Detail of bracket attachment to rack rail



Detail of panel attachment to Bracket (viewed from rear)

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Detail of patch panel, mounted on a panel extension kit, above a forward-mounted switch, bringing the panel face to near-flush with switch face.

The flush-mounted panel below the switch illustrates the port and patch cord access problems when switches or servers are forward-mounted.

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