

# Bundled Industrial Automation 4 Post Rack System

## specifications

Bundled industrial automation 4 post rack system shall have steel equipment rails, top cross members, base, and steel telescoping front to back frame members. The telescoping frame members shall allow the user to adjust the rack depth to either of two sizes: 23 inches (584mm) deep or 29 inches (737mm) deep. The assembled rack shall be 24 RU or 48 inches (1219mm) tall. Each RU shall be marked starting from 1 at the bottom to 24 at the top of the rack. Rack construction method shall ensure an electrically bonded structure for ease of grounding. The base shall have a set of mounting holes on each side for mounting options to a floor. The assembled rack shall accept 22 RU vertical managers at each corner.



## technical information

<b>Dimensions:</b>	4 post rack with cage nut equipment rails: 48.0"H x 23.2"W (1219mm x 589mm) Depth adjustable to either 23.0" or 29.0" (584mm) or (737mm) WMPV22E NetRunner™ Vertical Cable Managers: 41.5"H x 4.9"W x 12.0"D (1054mm x 125mm x 306mm)
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## key features and benefits

<b>Bundled design</b>	Includes Panduit copper, power and cable management accessories to reduce time required for planning, designing and procurement while ensuring network performance and reliability
<b>For industrial uses</b>	Designed for manufacturing data centers where the number of servers, switches, and Ethernet drops may be lower than in a conventional enterprise data center
<b>Adjustable depth</b>	Can be set at 23.0" (584mm) deep for popular switches or at 29.0" (737mm) deep for server or 1 RU or 2 RU switches with brackets
<b>Printed rack space identification</b>	Allows for quick location of rack mounted equipment for faster space identification installation and less rework; see individual customer drawings for specific rack RU numbering
<b>Paint piercing washers</b>	Fully electrically bonds rack components to simplify grounding process for improved network reliability

## applications

Bundled Panduit industrial rack includes accessories which promote best practices in equipment management and cable management to save time and ensure reliability in manufacturing data centers. The industrial rack can replace tabletop or shelf mounting of servers, switches, and storage with state-of-the-art rack mounting and equipment management. The industrial rack is used in the control room, defined as

the area in the manufacturing environment where the necessary compute, storage, and switching exclusively for manufacturing reside. In addition, the industrial rack allows users to follow Cisco's<sup>^</sup> recommended Converged Plantwide EtherNet/IP architecture for manufacturing; including demilitarized zone (DMZ), with firewall appliances and redundant compute and switching.

### Bundled Industrial Automation 4 Post Rack

**4 post rack, 48" tall:** IAR4P48CNB

### Industrial Automation 4 Post Rack Accessories

**19" EIA mount DIN rail bracket 4 RU:** IABDIN4  
**19" rack mount POU:** CMRPSH20  
**Shelves 19"W x 30"D:** RSHLF  
**19"W x 23"D:** RSHLF23

### Grounding Accessories

**In-cabinet grounding busbar:** RGRB19Y  
**Grounding jumper kit for grounding rack:** RGCBNJ660P22  
**Grounding jumper for switches:** RGEJ660U  
**Green bonding screws:** RGTBSG-C

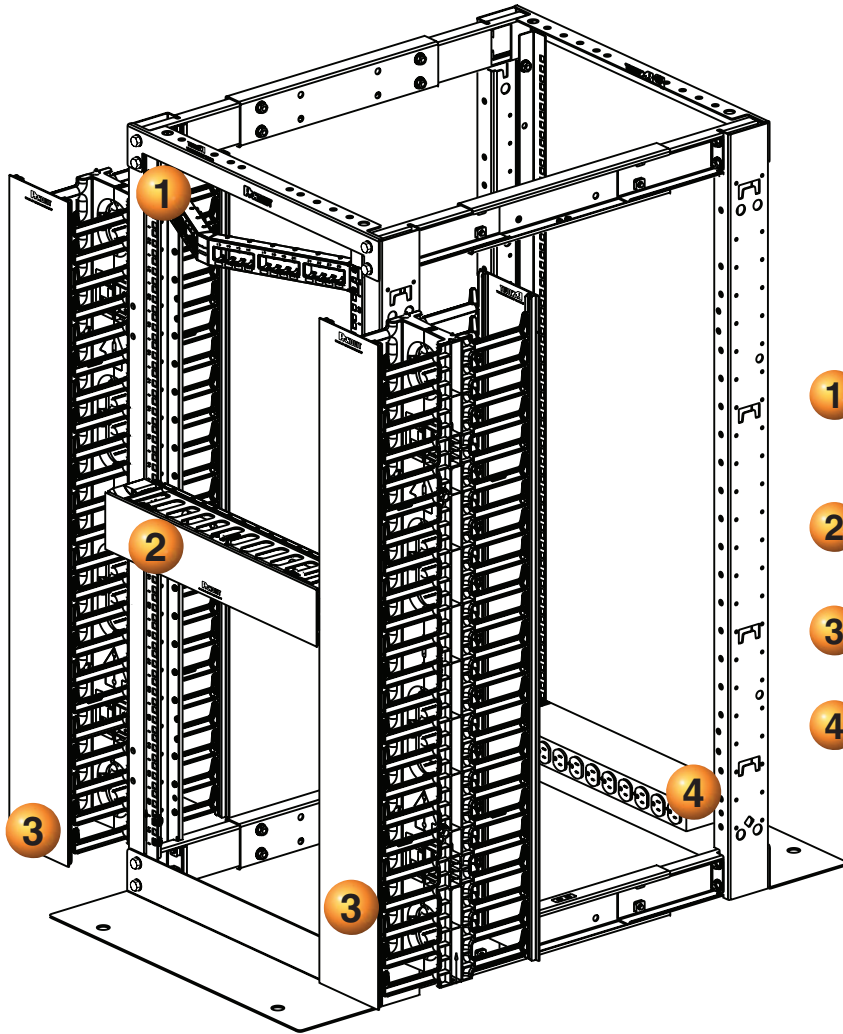
### Additional Hardware

**Rack anchor kit for concrete floor:** RFAKIT  
**Cage nuts with #12-24 screws:** CNWS1224-C  
**Cage nuts with M5 screws:** CNWSM5-C  
**Cage nuts with M6 screws:** CNWSM6-C  
**4 post POU button mount brackets:** CVPDUB  
**Rail mount POU button mount brackets:** R2PPDUB

<sup>^</sup>Cisco is a registered trademark of Cisco Technology Inc.

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## IAR4P48CNB Final Assembled View (Locations are for reference only)



- 1** CPPA24FMWBLY, Mini-Com® 24 Port Angled, Cat 6, Patch Panel with CJ688TGIW Mini-Com® Universal, Off White, TG Style Modules
- 2** WMPF1E PatchLink™ Horizontal Cable Manager (2 RU)
- 3** WMPV22E NetRunner™ Vertical Cable Managers (45 RU)
- 4** CMRPSH15 19" Horizontal Power Strip (15 Amps)

### Other Included Accessories Not Shown:

- UTPSP5Y Cat 6, UTP Copper Patch Cord with TX6™ Modular Plugs, Off White
- HLS-15R0 Hook & Loop Roll, 0.75"W x 15'L (19.1mm x 4.6m)
- CN1224-25 Cage Nut Kit, #12-24, pkg. of 25
- Assembly hardware

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