2-Post Open Frame Rack, Knock-Down Design (1600 lb Capacity)

RB-2PS Series

Knock-down 2-post open frame rack designed for flexible shipping, on-site assembly, and high-capacity IT and telecom installations.



RACK BASICS®
A HAMMOND BRAND

TAA COMPLIANT

Rack Mounting Hardware Included

EIA STANDARDS

MANUFACTURED IN NORTH AMERICA

RoHS

Key Features and Benefits

- 12-gauge steel construction (1600 lb **capacity**) provides reliable support for network, telecom, and IT equipment.
- Knock-down rack design (ships unassembled) supports easier shipping, handling, and on-site installation compared to welded racks.
- Open frame 2-post rack design (19" EIA compliant) allows full access to equipment for installation, servicing, and cable management.
- Dual rail configuration (12-24 threaded on one side, square holes on the reverse) supports flexible mounting options and compatibility with a wide range of hardware. Includes mounting hardware pack (12-24 screws) supports consistent installation and reduces additional hardware requirements.
- Self-squaring frame design simplifies assembly and ensures proper alignment during installation.
- Side ganging and accessory mounting provisions support expansion and integration with cable management solutions.
- Available in multiple heights (24U to 48U) supports a range of installation requirements.
- TAA-compliant, manufactured in North America supports government procurement requirements and ensures consistent quality.
- Black powder coat finish (GREENGUARD, TSCA, RoHS compliant) supports indoor air quality and environmental compliance.

The RB-2PS Series 2-post open frame rack provides a flexible, high-capacity solution for mounting 19-inch IT and telecom equipment. Designed with a knock-down construction, it ships unassembled for easier handling, transport, and on-site installation.

With a 1600 lb load rating and open frame design, the RB-2PS is ideal for network, telecom, and data room environments where accessibility, scalability, and installation flexibility are key.

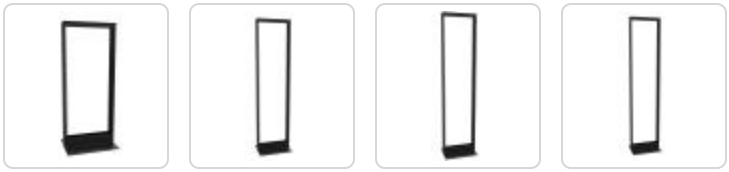
When another product may be a better choice

- When you need a welded rack that ships fully assembled for faster deployment, consider our **RB-2P** Series.
- When you need an aluminum rack for reduced weight and corrosion resistance, consider our **RB-2PA** Series.

Part of the Rack Basics® line designed for simple, reliable, and affordable installations.

Convert this product into a four-post rack when you purchase two (2) racks as well as our new Four Post Rack Kit (FPRK). **Click here to learn more.**

Gallery



Accessories

- Vertical Cable Manager with Fingers and Cover for Open Frame Racks
- Horizontal Cable Manager Ring Style
- Horizontal Finger Cable Manager with Cover
- Universal 2-Post Open Frame Rack Dust Cover
- Rack to Ladder Rack Adapter Cable Runway Mount
- Rack Panels for Rack Optimization
- Universal Rack Shelf Fixed Steel (Up to 200 lb Capacity)
- Adjustable Rack Shelf
- Variable-Depth Rack Shelf
- Centered Rack Shelf 2U Heavy Duty 200 lb Steel Rack Shelf
- Rack Mount Keyboard & Equipment Shelf
- Rack Depth Adapter 2-Post Support Bracket 19 Inch 23 Inch (400 lb Capacity)
- 2-Post Rack Low Profile Dolly
- Universal Rack & Cabinet Joining Kit
- Universal Four Post Rack Kit 2-Post to 4-Post Rack Conversion
- Rack Isolation Kit
- Rack and Cabinet Stem Casters
- Bonding and Grounding
- Bonding Wire Kits
- 10-32 Mounting Hardware
- We Manufacture PDUs and Outlet Strips

	Overall Dimensions			Rack	Mounting Dimensions	
Part No.	Height	Width	Depth	Units	Height	Width
RB-2PS1924BK	20.46	20.00	15.00	24U	42.00	19.00
RB-2PS1936BK	69.13	20.00	15.00	36U	63.00	19.00
RB-2PS1942BK	79.63	20.00	15.00	42U	73.50	19.00
RB-2PS1945BK	84.88	20.00	15.00	45U	78.75	19.00
RB-2PS1948BK	90.13	20.00	15.00	48U	84.00	19.00

Where the series works best

- Data rooms and IT environments requiring flexible rack deployment.
- Telecom and structured cabling installations.
- Projects with shipping, access, or handling constraints.
- Network closets requiring open access and airflow.
- Installations where racks must be assembled on-site.

Applications and when to use the series

- Installations requiring high-capacity 2-post rack mounting (up to 1600 lb).
- Applications needing knock-down racks for easier transport and installation.
- Environments where on-site assembly is preferred or required.
- Deployments requiring flexible mounting options (threaded and square hole rails).
- Installations where accessibility and cable management are priorities.

Tags: **Relay rack**, **2-post rack**, **two-post rack**, **knock-down rack**, **knock down rack**, **telco rack**, **telecom rack**, **network rack**, **server rack**, **equipment rack**, **open frame rack**, **freestanding rack**, **skeleton rack**, **H-frame rack**, **IT rack**

Data subject to change without notice.

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