

Heavy-Duty 2-Post Open Frame Rack (1500 lb Capacity) *DNRRHDW*

Series

High-capacity welded 2-post rack designed for demanding IT, telecom, and data center applications.



Key Features and Benefits

- 10-gauge welded steel construction (1500 lb UL2416 rated **capacity**) provides high-strength support for network, telecom, and data center equipment.
- Heavy-duty welded rack design (19" EIA compliant) supports high-density installations with long-term structural reliability.
- UL2416 listed rack ensures verified load performance for critical infrastructure and high-capacity deployments.
- Seismic rated to 400 lb (181.44 kg) dynamic load ($I_p = 1.5$) in accordance with IBC, CBC, NBC, and ASCE standards supports installation in regulated environments.
- Threaded mounting rails on both sides (10-32 for 19", 12-24 for 23") with rack unit markings support standard equipment and ensure consistent, error-free installation.
- Includes integrated grounding studs for bonding and safety.
- Freestanding floor-mount design supports deployment in data centers, telecom facilities, and network environments.
- Side ganging and accessory mounting provisions support expansion and integration with cable management solutions.
- Available in multiple heights 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 DNRRHDW Series heavy-duty 2-post open frame rack is designed for high-capacity IT and telecom installations. Constructed from 10-gauge welded steel and UL2416 rated to 1500 lb, it supports demanding applications requiring strength and reliability.

Ideal for data centers and infrastructure deployments, the DNRRHDW provides durable, high-performance rack mounting for heavy and power-dense equipment.

When another product may be a better choice

- When you need a cost-effective standard-duty welded rack, consider our **RB-2P** Series.
- When you need a seismic-rated rack for mission-critical or telecom environments, consider our **DRZ4** Series.
- When you need a knock-down 2-post rack for easier shipping and on-site assembly, consider our **RB-2PS** Series.
- When you need a 4-post rack for server or deeper equipment support, consider our **DC4R** Series.



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.](#)

Accessories

- Double-Sided Vertical Cable Manager High Density Finger Duct
- Vertical Cable Manager with Fingers and Cover for Open Frame Racks
- Universal 2-Post Open Frame Rack Dust Cover
- Horizontal Finger Cable Manager with Cover
- Universal Rack Shelf Fixed Steel (Up to 200 lb Capacity)
- Centered Rack Shelf 2U Heavy Duty 200 lb Steel Rack Shelf
- Rack Depth Adapter 2-Post Support Bracket 19 Inch 23 Inch (400 lb Capacity)
- 2-Post Rack Low Profile Dolly
- Rack Rail Reducer Panel 23 to 19 Inch Rack Adapter Conversion Panel
- Bonding and Grounding
- We Manufacture PDUs and Outlet Strips
- Vertical Cable Manager with Door High Density Finger Duct
- Vertical Cable Manager with Door for Open Frame Racks
- Horizontal Cable Manager Ring Style
- Rack Panels for Rack Optimization
- Keyboard & Equipment Rack Shelf
- Heavy Duty Battery Rack Shelf 550 lb Capacity 2-Post Steel Shelf
- Universal Four Post Rack Kit
- Open Frame Rack and Rack Cabinet Joining Kit
- Rack Isolation Kit
- Hardware for Rack Mounting Solutions

19" Rack Mounting 10-32 Double Tapped Rails

Overall Dimensions				Rack	Mounting Dimensions			Rail	Rack Basics	Compatible Vertical Manager
Part No.	Height	Width	Depth	Units	Height	Width	Rail Depth	Threading	Alternative	
DNRR63HDW	69.13	20.56	15.00	36U	63.00	19.00	3.00	10-32	-	RB-VCM36
DNRR70HDW	76.13	20.56	15.00	40U	70.00	19.00	3.00	10-32	-	RB-VCM40
DNRR77HDW	83.13	20.56	15.00	44U	77.00	19.00	3.00	10-32	RB-2P77	RB-VCM44
DNRR84HDW	90.13	20.56	15.00	48U	84.00	19.00	3.00	10-32	RB-2P84	RB-VCM48

23" Rack Mounting 12-24 Double Tapped Rails

Overall Dimensions				Rack	Mounting Dimensions			Rail	Rack Basics
Part No.	Height	Width	Depth	Units	Height	Width	Rail Depth	Threading	Alternative
DNRR2377HDWB	83.13	24.56	15.00	44U	77.00	23.00	3.00	12-24	RB-2PA2345BK
DNRR2384HDWB	90.13	24.56	15.00	48U	84.00	23.00	3.00	12-24	-

Where the DNRRHDW series works best

- Data centers and high-density IT environments.
- Telecom installations requiring high load capacity.
- Infrastructure deployments with heavy or power-dense equipment.
- Environments requiring robust, long-term rack stability.
- Installations where equipment weight exceeds standard rack capacity.

Applications and when to use the DNRRHDW series

- Installations requiring heavy-duty 2-post rack mounting (1500 lb capacity).
- Applications needing higher load capacity than standard welded racks.
- Environments where structural strength and long-term durability are critical.
- Deployments requiring UL2416 validated performance for high-capacity installations.
- Installations where equipment density exceeds standard rack solutions.

Tags: **Relay rack, 2-post rack, two-post rack, heavy-duty 2-post rack, high capacity rack, telco rack, Data subject to change without notice. telecom rack, network rack, server rack, equipment rack, open frame rack, freestanding rack,**

skeleton rack, H-frame rack, IT rack

© 2026. Hammond Manufacturing Ltd. All rights reserved.