

Adjustable Depth 4-Post Rack System



SPECIFICATIONS

The adjustable depth 4-post rack shall meet EIA/ECA-310-E standards, be 45 or 52 RU, constructed of steel and capable of accepting 19 in. wide EIA equipment. The rack shall have adjustable depth from 23 in. to 42 in. in 0.5 in. increments. The equipment mounting rails shall be #12-24 threaded or cage nut square opening style mounting. The equipment mounting rails shall include printed rack unit numbering from bottom up. The rack shall accept shelf units and equipment brackets. The front and rear structural posts of the rack shall be capable of mounting NetRunner™ or PatchRunner™ 2 Vertical Cable Managers and accessories such as power distribution units, waterfalls and vertical tie-off brackets. The construction method shall ensure an electrically bonded structure for ease of grounding. The rack shall contain eight masked grounding locations for ease of selection for lug connection position.

TECHNICAL INFORMATION

Attributes:	Part Number	RU	Height in. (mm)	Width in. (mm)	Depth in. (mm)
	AR4P(WH)	45	84.13 (2136.90)	20.31 (515.90)	23.00 – 42.00 (584.20 – 1066.80)
	AR4PCN(WH)				
	AR4P96(WH)	52	96.13 (2441.70)		
	AR4PCN96(WH)				

KEY FEATURES AND BENEFITS

Welded steel construction:	UL listed, 2000 lb. load capacity provides greater stability
Self-squaring:	Front-to-back braces are installed in two axes, helping to maintain squareness of the rack during assembly
Inward facing feet:	Reduces overall front-to-back footprint, aligning better to floor tiles
Numerical rack unit identification:	Allows for quick location of rack spaces speeding installation of rack mount items, racks are numbered from bottom up
Fully bonded structure:	Paint piercing hardware electrically bonds the rack when assembled, eliminating the need for additional bonding components
PEM stud and carriage bolt construction:	Eliminates the need for a second wrench, increasing speed and ease of assembly
Multiple options for mounting accessories:	Accessories such as PDU brackets, vertical tie-off brackets and waterfalls mount on posts or front-to-back braces for greater application flexibility
Integrated masked grounding locations:	Eight masked grounding locations available for optimal lug connection position

APPLICATIONS

The adjustable depth 4-post rack system is designed to support network equipment found in data center, telecommunication room and lab environments. The rack combines the stability of a cabinet with the accessibility of an open rack to provide the user with maximum flexibility when designing the network layout. Front and rear weldments with adjustable front-to-back braces provide the required strength and flexibility needed to work with various types of active equipment. The open design allows for maximum airflow in and around the rack. The adjustable depth 4-post rack system is part of a complete rack and cable management system that manages, protects, and showcases your network investment.

Adjustable Depth 4-Post Racks – 7 foot and 8 foot

23 in. – 42 in. depth #12-24 threaded rails:	AR4P* [^]
Cage nut rails:	AR4PCN* [^]

4-Post Racks Accessories

Vertical tie-off bracket:	V4PTOB [^]
Adjustable depth vertical tie-off bracket:	V4PATOB [^]
Vertical PDU mounting brackets:	CVPDUB [^]
Waterfall trough for use with PatchRunner 2:	PR2VWF [^]
Waterfall trough for use with PatchRunner 2 Enhanced:	PE2VWF [^]
Strain relief bar, 2 in. depth:	SRB19BLY
Strain relief bar, 4.5 in. depth:	SRB19ED5BL
Shelves	
19 in. W x 30 in. D:	RSHLF [^]
19 in. W x 23 in. D:	RSHLF23
19 in. W x 36 in. D:	RSHLF36 [^]
Rack anchor kit for concrete floor:	RFAKIT
Rack anchor kit for raised floor:	RFA3KIT
100 cage nuts w/ M6 screws:	CNWSM6-C
100 cage nuts w/ #12-24 screws:	CNWS1224-C
100 #12-24 screws:	S1224-C
Fiber storage ring:	WMFS24

PatchRunner 2 Vertical Cable Managers with Doors – 7 foot and 8 foot

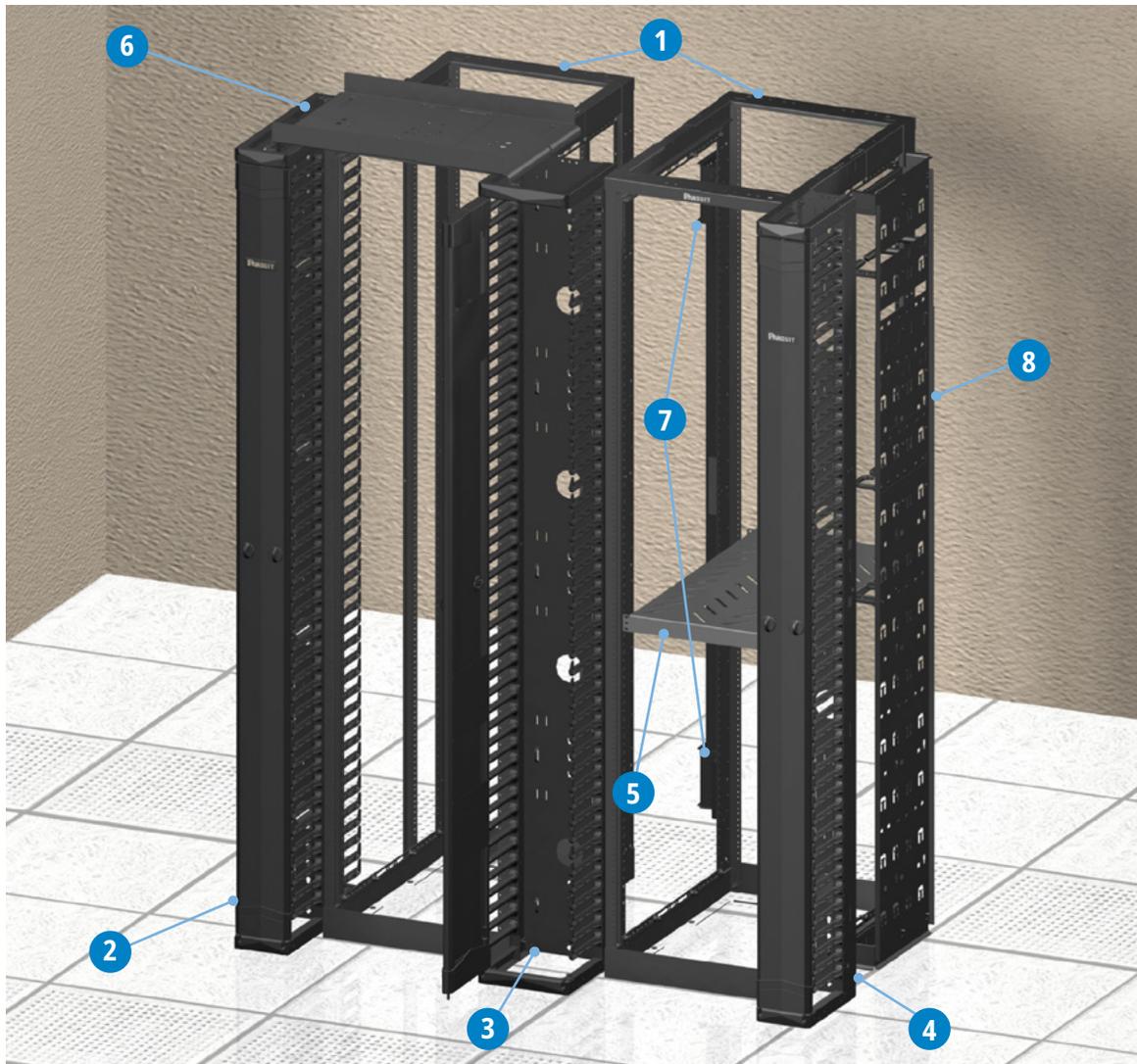
6 in. W, front and rear:	PR2VD06* [^]
6 in. W, front only:	PR2VFD06* [^]
8 in. W, front and rear:	PR2VD08* [^]
8 in. W, front only:	PR2VFD08* [^]
10 in. W, front and rear:	PR2VD10* [^]
10 in. W, front only:	PR2VFD10* [^]
12 in. W, front and rear:	PR2VD12* [^]
12 in. W, front only:	PR2VFD12* [^]

4-Post Racks Accessories

HAC adjustable top cap:	AR4PATC [^]
CAC top cap:	AR4PCACTCBL AR4PCACTCWH
Rack aisle containment kit:	AR4P-AC-KIT [^]
4.9 in. W, front and rear:	WMPV45E
4.9 in. W, front and rear:	WMPVF45E
6.7 in. W, front and rear:	WMPVHC45E
6.7 in. W, front and rear:	WMPVHCF45E

*Add 96 to indicate 8 ft. offering
[^]Colors other than Black: WH (White)

Adjustable Depth 4-Post Rack System



1 AR4P*: 4-Post Rack
#12–24 threaded rails
84.0 in. H x 20.3 in. W x 23 in. – 42 in. D,
45 rack units (RU)

AR4PCN*: 4-Post Rack
Cage nut rails
84.0 in. H x 20.3 in. W x 23 in. – 42 in. D,
45 RU (not shown)

2 3 4 PatchRunner 2 Vertical Managers
Available in 6 in., 8 in., 10 in., and 12 in.
widths to fit both 7 ft. and 8 ft. racks

5 RSHLF: 4-Post Rack Shelf
19 in. W x 30 in. D

RSHLF23: 4-Post Rack Shelf
19 in. W x 23 in. D (not shown)

RSHLF36: 4-Post Rack Shelf
19 in. W x 36 in. D (not shown)

6 PR2VWF: Waterfall Trough
creates pathway above rack

7 CVPDUB: PDU Bracket
(set of 2)

8 V4PTOB: Vertical Tie-Off Bracket
creates additional pathway

*For part numbers 8 ft. tall, add "96" to end of part number. Ex: R4P96 or R4PCN96