

4 Post Rack System

specifications

The telecommunications rack shall be constructed of steel and capable of accepting 19" wide EIA equipment. The rack shall include adjustable front and rear equipment mounting rails. The equipment mounting rails shall be #12-24 or cage nut square opening style mounting. The adjustable equipment mounting rails will include printed rack unit numbering from top to bottom. The front and rear structural posts of the rack shall be capable of mounting *NETRUNNER™* or *PATCHRUNNER™* vertical cable managers. Rack construction method shall ensure an electrically bonded structure for ease of grounding.



technical information

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|--------------------|--|
| Dimensions: | CMR4P96 – #12-24 threaded equipment rails 96.1"H x 23.3"W x 30.2"D (2441mm x 591mm x 767mm), 52 RU |
| | CMR4P96CN – Cage nut style equipment mounting rails 96.1"H x 23.3"W x 30.2"D (2441mm x 591mm x 767mm), 52 RU |
| | CMR4P84 – #12-24 threaded equipment rails 84.0"H x 23.3"W x 30.2"D (2134mm x 591mm x 767mm), 45 RU |
| | CMR4P84CN – Cage nut style equipment mounting rails 84.0"H x 23.3"W x 30.2"D (2134mm x 591mm x 767mm), 45 RU |
| | CMR4P84D23 – #12-24 threaded equipment rails 84.0"H x 23.3"W x 23.2"D (2134mm x 591mm x 584mm), 45 RU |
| | CMR4P84D23CN – Cage nut style equipment mounting rails 84.0"H x 23.3"W x 23.2"D (2134mm x 591mm x 584mm), 45 RU |
| Standards: | Meets all EIA requirements as defined in EIA-310-D |
| Packaging: | Includes right and left side channel assemblies, top and bottom brackets, adjustable front and rear mounting rails, and assembly hardware with paint piercing washers for complete rack bonding. |

key features and benefits

| | |
|---|---|
| Independent adjustable front and rear mounting rails | Support equipment mounting depths from 3" to 30" and provide ventilation path for side ventilated switches for greater system flexibility |
| Welded steel construction | 2000 lbs. load capacity provides greater stability |
| Open frame | Provides easy access and improved heat dissipation |
| Silk-screened rack space identification | Allows for quick location of rack spaces speeding installation of rack mount items |
| Rack Spaces | The 8' rack with 52 rack spaces allows more equipment in the same footprint to maximize real estate for lowest cost of ownership |
| Fully bonded structure | Two-hole ground lug attachment simplifies grounding to assure proper grounding technique |
| Weld nut construction | Eliminates the need for a second wrench, increasing speed and ease of assembly |
| Multiple options for mounting vertical power strips | Enable mounting on posts or rails for greater application flexibility |

applications

The *PANDUIT* 4 Post Rack System is designed to support network equipment found in data center 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. Four steel, vertical posts, and adjustable front and rear mounting rails

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 4 post rack is part of a complete rack and cable management system that manages, protects, and showcases your network investment.

4 Post Racks

8' version 30" depth

#12-24

threaded rail: CMR4P96

Cage nut rail: CMR4P96CN*

7' version 30" depth

#12-24

threaded rail: CMR4P84

Cage nut rail: CMR4P84CN*

7' version 30" depth

Rack spaces numbered

from bottom to top

#12-24

threaded rail: CMR4P84NU

Cage nut rail: CMR4P84CNNU*

7' version 23" depth

#12-24

threaded rail: CMR4P84D23

Cage nut rail: CMR4P84D23CN*

7' version 23" depth

Rack spaces numbered

from bottom to top

#12-24

threaded rail: CMR4P84D23NU

Cage nut rail: CMR4P84D23CNNU*

4 Post Rack Accessories

Adjustable Shelf

19"W x 32"D: NF4PSHLF19

19"W x 23"D: NF4PSHLF19X23

Top trough: CMR4PWF

Additional Hardware

100 #12-24

cage nuts: CNWS1224-C

PATCHRUNNER™ Vertical Cable Managers – 7'

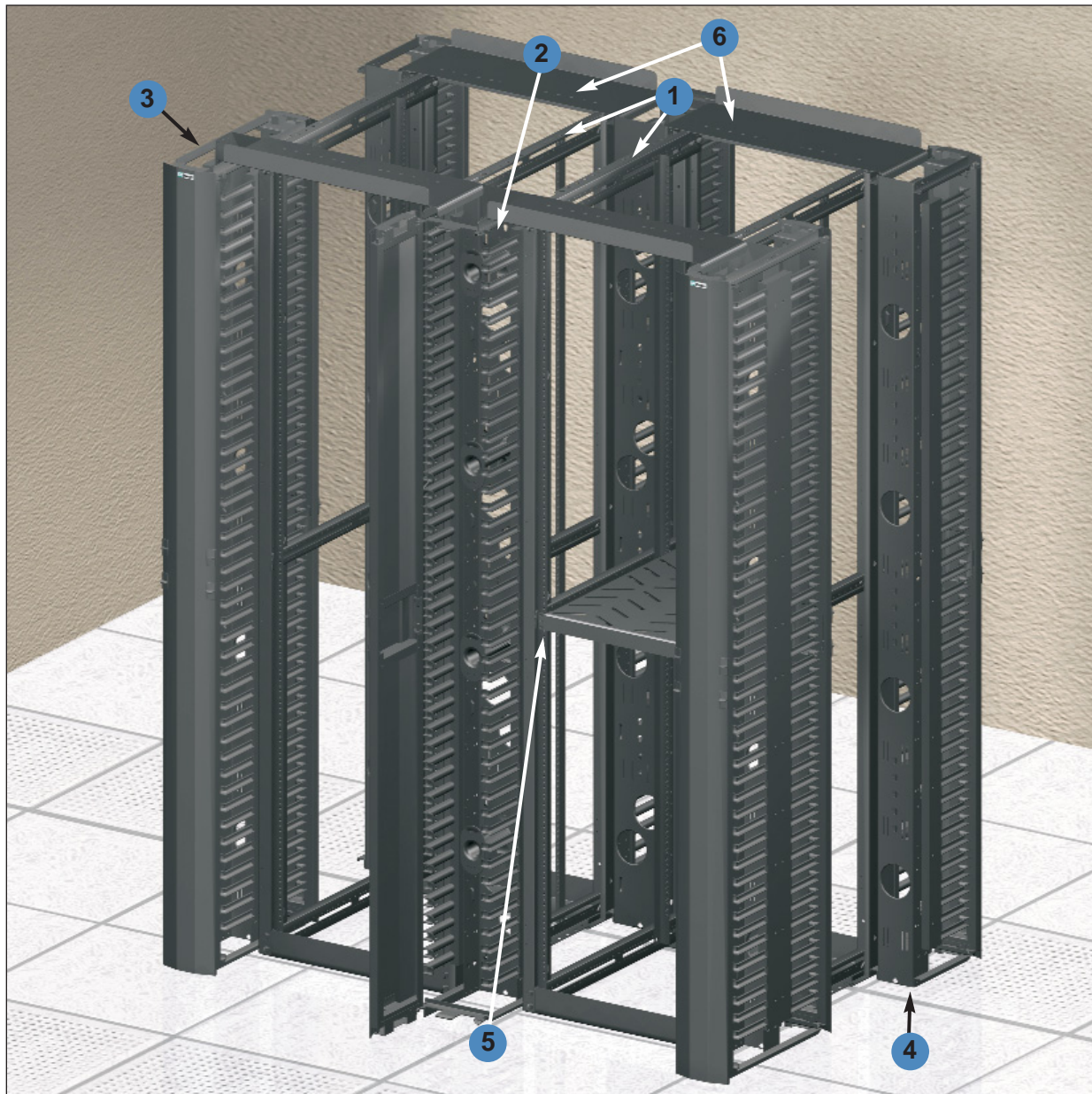
| | |
|-----------------------|--------|
| 6"W, front and rear: | PRV6 |
| 6"W, front only: | PRVF6 |
| 8"W, front and rear: | PRV8 |
| 8"W, front only: | PRVF8 |
| 10"W, front and rear: | PRV10 |
| 10"W, front only: | PRVF10 |
| 12"W, front and rear: | PRV12 |
| 12"W, front only: | PRVF12 |
| 15"W, front and rear: | PRV15 |
| 15"W, front only: | PRVF15 |

PATCHRUNNER™ Vertical Cable Managers – 8'

| | |
|-----------------------|----------|
| 6"W, front and rear: | PRV696 |
| 6"W, front only: | PRVF696 |
| 8"W, front and rear: | PRV896 |
| 8"W, front only: | PRVF896 |
| 10"W, front and rear: | PRV1096 |
| 10"W, front only: | PRVF1096 |
| 12"W, front and rear: | PRV1296 |
| 12"W, front only: | PRVF1296 |
| 15"W, front and rear: | PRV1596 |
| 15"W, front only: | PRVF1596 |

*Includes 25 #12-24 threaded cage nuts.

4 Post Rack System



- 1** CMR4P84 – 4 Post Rack
19" x 7' x 30", 45 rack units (RU)
- CMR4P96 – 4 Post Rack
19" x 8' x 30", 52 RU
(not shown)
- CMR4P84D23 – 4 Post Rack
19" x 8' x 23", 45 RU
(not shown)

- 2** **3** **4** PATCHRUNNER™ Vertical Managers
Available in 6", 8", 10", 12" and 15" widths
to fit both 7' and 8' racks
Refer to page 1 for complete part numbers

- 5** NF4PSHLF19X23 – 4 Post Rack Adjustable Shelf
19"W x 23"D

- 6** CMR4PWF – Optional Top Trough with waterfall
creates pathway above rack
26.1"W x 8.5"D

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