45 RMU OPEN RACK

2 Post, 2 Section Rack Assembly

Two hardware groups are included: Equipment Mounting Hardware and Frame Assembly Hardware. Keep them separate during assembly.

EQUIPMENT MOUNTING HARDWARE

Smaller hardware set (for mounting equipment).

SCREW WASHER



#12-24 Phillips Head Screw - 28 pcs
For mounting compatible equipment onto the assembled rack

#12-24 Flat Washer - 28 pcs
Use with the #12-24 screws. Not used to assemble the rack frame

MAIN RACK ASSEMBLY HARDWARE

Larger hardware set (for assembling the rack frame).

BOLT NUT WASHER



3/8" × 1" UNF Black Bolt - 20 pcs
Main rack-frame assembly hardware

3/8" Nut - 20 pcs
Use with the 3/8" bolts

3/8" Flat Washer - 20 pcs
Use with the 3/8" bolts and nuts

RACK COMPONENTS

Included frame parts (ships unassembled).

Lower Vertical Section - 2 pcs
Bottom half of each vertical bar (45.8 in.)

Upper Vertical Section - 2 pcs
Top half of each vertical bar (38.4 in.)

Steel Mounting Plate - 4 pcs
Joins the upper and lower sections (2 per joint)

Base Angle Bar - 2 pcs
Floor base for the lower sections (front & back)

Top Angle Bar - 2 pcs
Joins the vertical bars at the top (front & back)

TOOLS NEEDED



- Allen Key
- 14 mm Socket and Wrench
- 11 mm Socket or Wrench
- Phillips Head Screwdriver

QUICK REFERENCE

#12-24 Screws + Washers	3/8" Bolts + Nuts + Washers	Steel Mounting Plates
Mount equipment ON the rack	Assemble the main rack frame	Join upper & lower sections

Florida (HQ) 800-749-2447
California 951-696-7772
New York 845-391-8318
Texas 713-322-7242

verticalcable.com

This specification sheet is subject to change without notice.

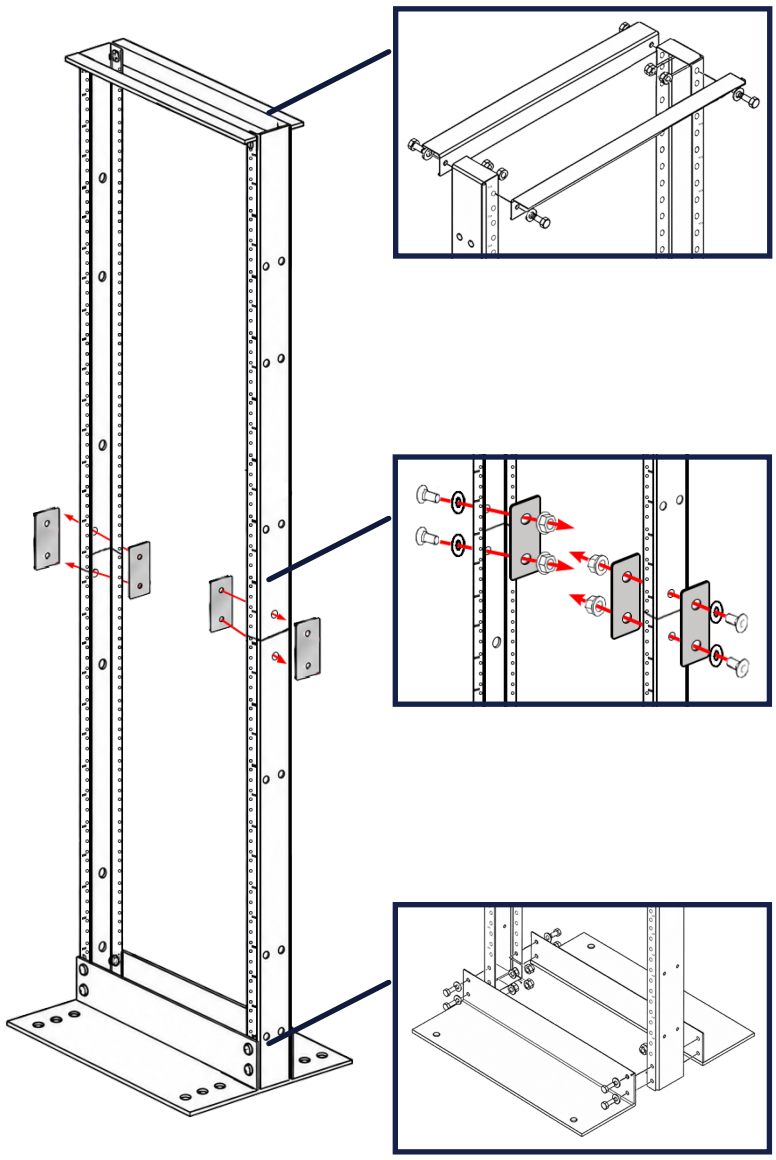
VERTICAL CABLE

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45 RMU OPEN RACK

2 Post, 2 Section Rack Assembly

IMPORTANT: Two people are recommended for assembly. Do not fully tighten the frame hardware until the rack is assembled, aligned, and square (except the mounting-plate joints in Step 2).



1 Attach Base Angle Bars

HARDWARE: 3/8" Bolts + Nuts + Washers

Attach the front and rear base angle bars to the two lower vertical sections. Make sure the rack unit (RU) markings face the front of the rack. Keep the connections slightly loose.

2 Join the Sections

HARDWARE: Plates + Bolts + Nuts + Washers

Stand the upper sections on the lower sections. At each joint, place one steel mounting plate on the outside of the frame and one on the inside, over the pre-drilled holes. Insert the bolts with a washer on each, then hold the nut with pliers or a wrench while tightening the bolt with the 5 mm hex key. Tighten securely, keeping the sections aligned.

3 Attach Top Angle Bars

HARDWARE: Bolts + Nuts + Washers

Attach the front and rear top angle bars to the tops of the upper sections. Keep the connections slightly loose.

4 Square & Tighten

HARDWARE: All Frame Hardware

Check that both uprights are plumb and aligned and the rack sits flat. Then tighten all frame hardware.

5 Anchor to Floor

HARDWARE: Floor Anchors (not included)

Secure the base angle bars to the floor through the mounting holes before loading equipment.

6 Mount Equipment

HARDWARE: #12-24 Screws + Washers

Mount compatible patch panels, cable managers, and other 19-inch rack equipment.

FINAL CHECK

Verify all frame and mounting-plate connections are secure, both uprights are plumb and aligned, the base is anchored to the floor, and the rack does not rock or twist. Retain these instructions for future reference.

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