PANDUIT® *PATCHRUNNER* High Capacity Vertical Cable Manager

INSTALLATION INSTRUCTIONS CM425C

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PART NUMBERS
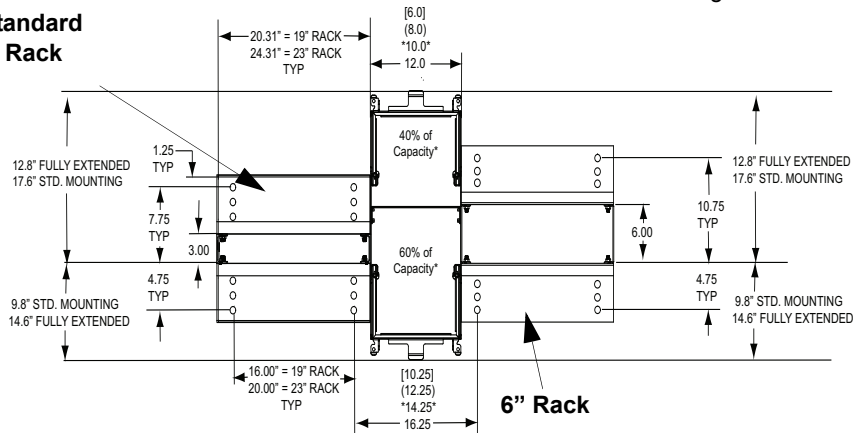
VERTICAL CABLE MANAGEMENT		DUAL HINGED DOORS (Sold Separately)
Dual	Single	
PEV12	PEVF12	PED12
PEV10	PEVF10	PED10
PEV8	PEVF8	PED8
PEV6	PEVF6	PED6

CONTENTS

(1) *PATCHRUNNER* High Capacity Vertical Cable Manager
(6) 1/2-13 Hex Nuts
(6) 1/2-13x1.0" Bolts
(12) Washers for 1/2-13 bolts

LOCATION GUIDE: Standard and 6-inch Racks
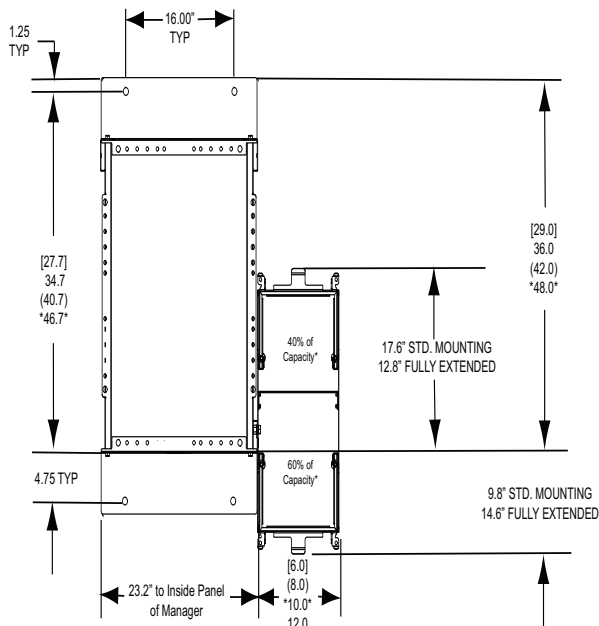
6" Vertical Manager dimension shown in brackets [...]
8" Vertical Manager dimensions shown in parenthesis (...)
10" Vertical Manager dimensions shown in asterisk *...*

Note: Single-sided managers have equivalent dimensions to the 60% capacity side of a Dual-sided manager.

*Reversible
Total capacity of dual sided manager is split 60% and 40%.

LOCATION GUIDE: 4-post Racks

For horizontal dimensions:
6" Vertical Manager dimension shown in brackets [...]
8" Vertical Manager dimensions shown in parenthesis (...)
10" Vertical Manager dimensions shown in asterisk *...*

For vertical dimensions:
23" Deep 4-Post Rack dimension shown in brackets [...]
36" Deep 4-Post Rack dimensions shown in parenthesis (...)
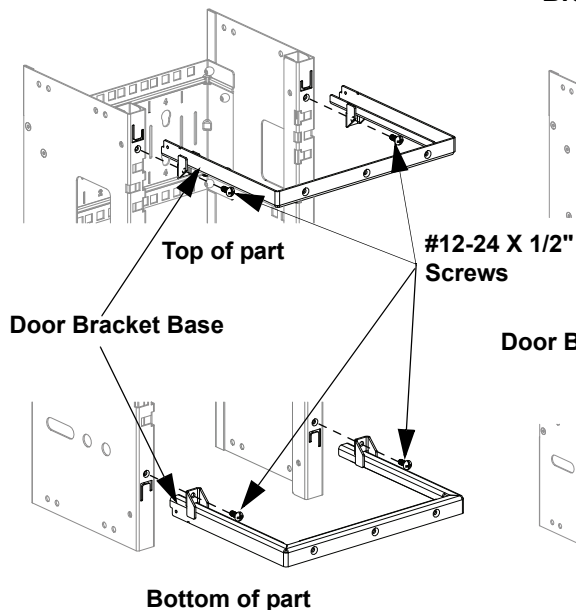42" Deep 4-Post Rack dimensions shown in asterisk *...*

*Reversible
Total capacity of dual sided manager is split 60% and 40%.

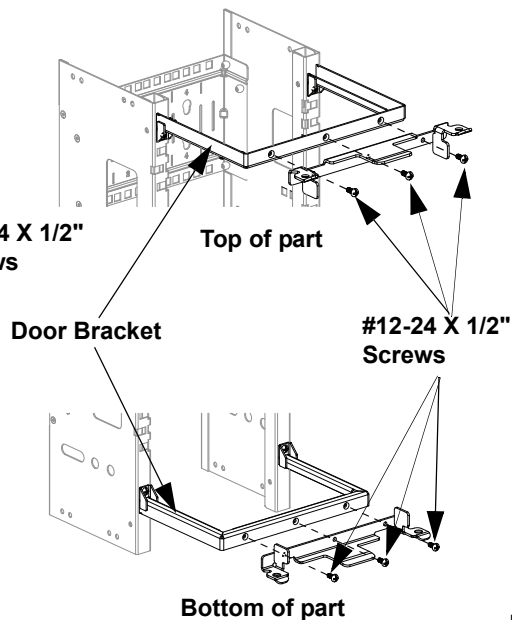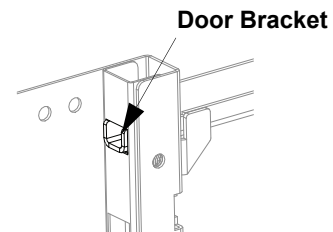# Door Bracket Installation

**Step 1: Install Door Bracket Base into cutout features on side panels using (2) #12-24 X 1/2" Screws.**

Step 2: Install Door Bracket onto Door Bracket Base using (3) #12-24 X 1/2" Screws (only use (2) #12-24 X 1/2" Screws if installing 6" Door Brackets).

Note: When properly installed, Door Bracket Base will protrude through cutouts on inside of panel.

Door Bracket

Top of part

#12-24 X 1/2" Screws

Door Bracket Base

Top of part

Door Bracket

#12-24 X 1/2" Screws

Bottom of part

Bottom of part

If material from Door Bracket cannot be touched or seen protruding through cutouts on inside of panel, then the Door Bracket is not properly engaged.
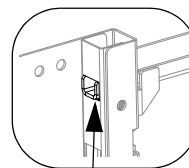
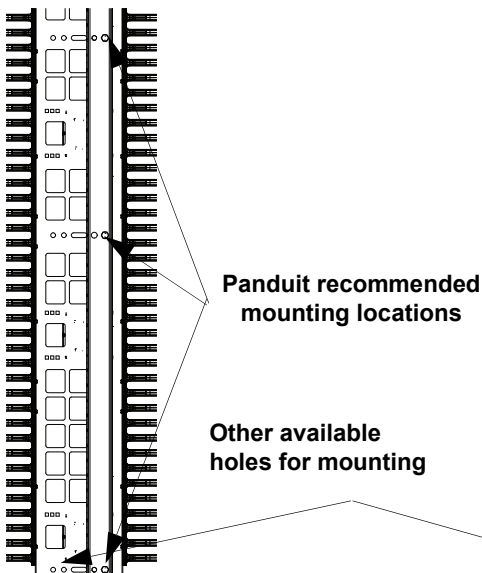**Material visible Brackets Engaged**
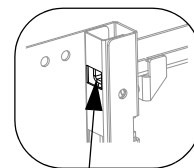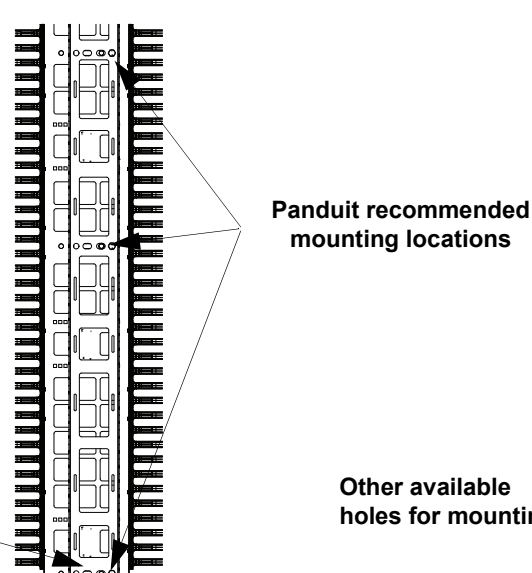
Material not visible Brackets not engaged

Mounting of a *PATCHRUNNER* High Capacity Vertical Manager

Panduit recommends that the *PATCHRUNNER* High Capacity Vertical Manager be mounted such that the front face of the manager's panels are 1.25" forward of the front face of the rack it is attached to. However, other holes on the side panel of the manager and the channels of the rack are available so that the manager may be moved forward to accommodate applications which require a larger bend radius requirement.

Standard Rack

6" Deep Steel Rack

4-Post Rack
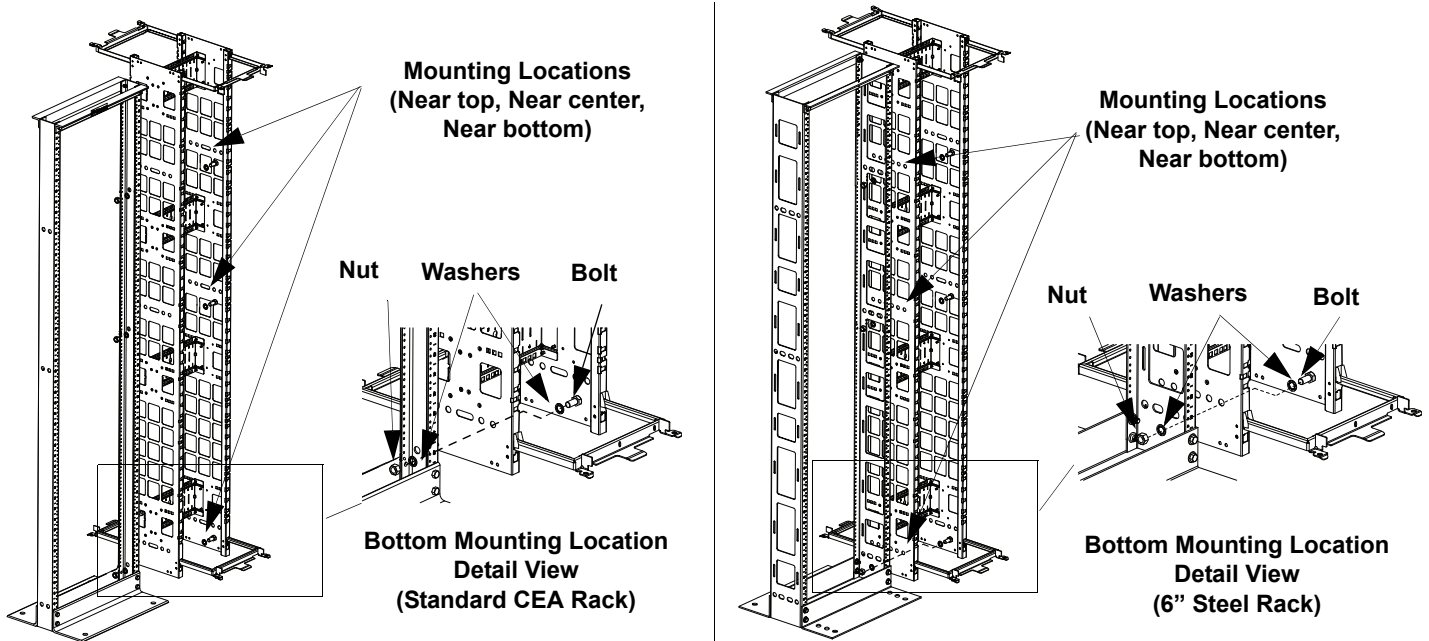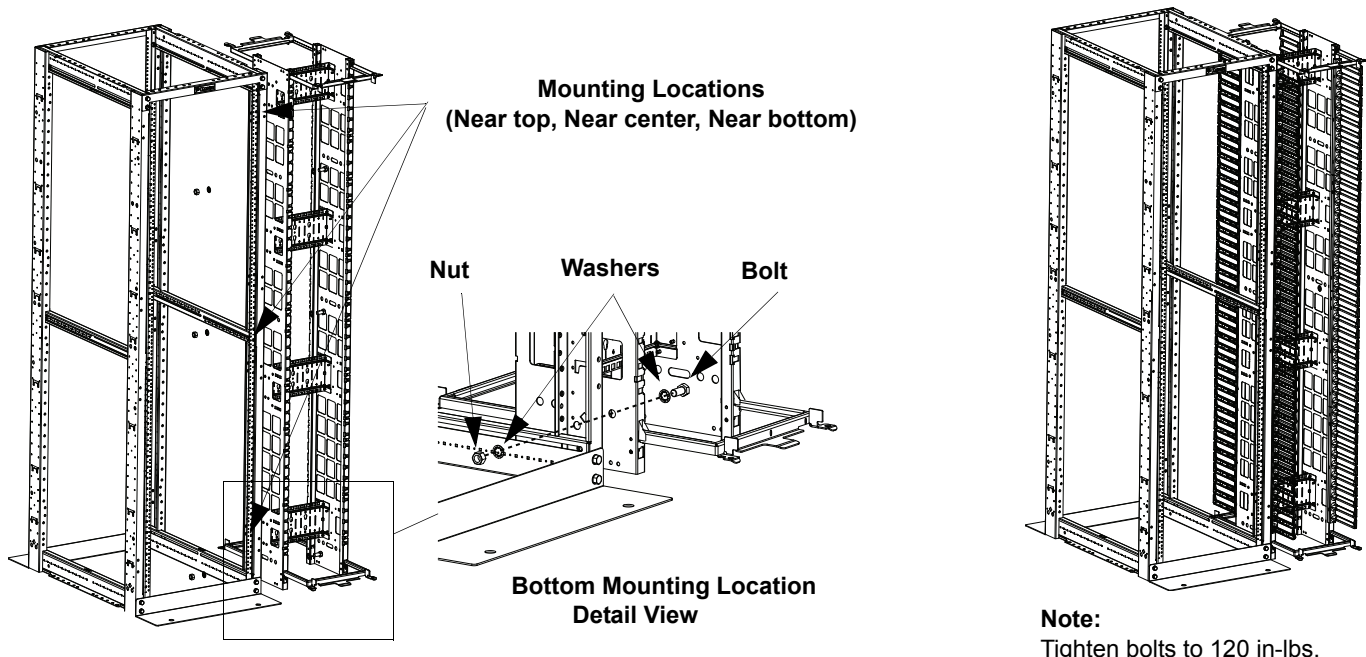
Panduit recommended mounting locations

Panduit recommended mounting locations

Other available holes for mounting

Other available holes for mounting

FOR TECHNICAL SUPPORT www.panduit.com/resources/install_maintain.asp
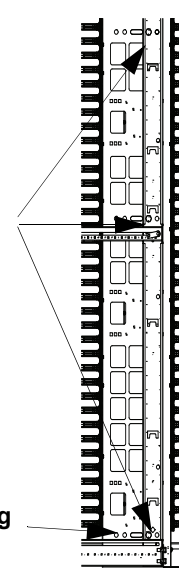
Center Mounting of a PATCHRUNNER High Capacity Vertical Manager on Standard CEA Rack or 6" Steel Rack

After the first rack is mounted to the floor with the appropriate hardware, **Use Three 1/2-13x1.0" bolts** (supplied with the vertical cable manager panels) to fasten the PATCHRUNNER High Capacity Vertical Cable Manager to the rack. Next, mount the second rack to the other side of the PATCHRUNNER High Capacity Vertical Cable Manager using the remaining 1/2-13x1.0" bolts. Then mount the second rack to the floor using the appropriate hardware.

**Mounting Locations
(Near top, Near center, Near bottom)**

Nut   Washers   Bolt

**Bottom Mounting Location
Detail View
(Standard CEA Rack)**

**Mounting Locations
(Near top, Near center, Near bottom)**

Nut   Washers   Bolt

**Bottom Mounting Location
Detail View
(6" Steel Rack)**

Mounting of a PATCHRUNNER High Capacity Vertical Manager on a 4-Post Rack

After the first rack is mounted to the floor with the appropriate hardware, **Use Three 1/2-13x1.0" bolts** (supplied with the vertical cable manager panels) to fasten the PATCHRUNNER High Capacity Vertical Cable Manager to the rack. Next, mount the second rack to the other side of the PATCHRUNNER High Capacity Vertical Cable Manager using the remaining 1/2-13x1.0" bolts. Then mount the second rack to the floor using the appropriate hardware.
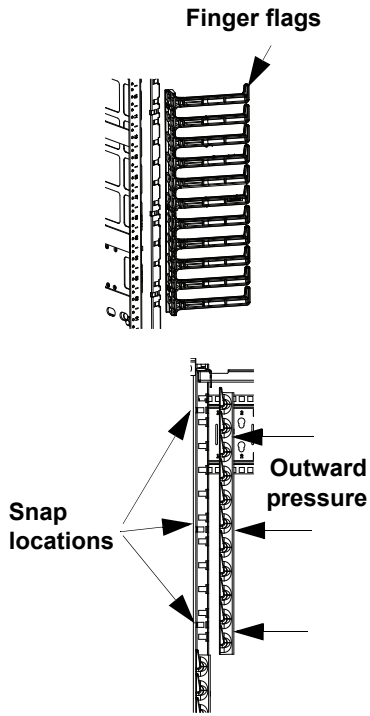

**Mounting Locations
(Near top, Near center, Near bottom)**

Nut   Washers   Bolt

**Bottom Mounting Location
Detail View**

Note:
Tighten bolts to 120 in-lbs.

FOR TECHNICAL SUPPORT www.panduit.com/resources/install_maintain.asp

Finger Installation

Finger flags

Step 1:
Starting with bottom fingers, align tabs on base of finger with keyholes on side panel of manager. The cable retainers on the finger will be pointed upward,

Step 2:
Apply outward pressure (from inside of manager) until plastic finger clicks into place.

Outward pressure

Snap locations

Step 3:
Repeat Steps 1 and 2 on remaining fingers.

Removal/Replacement:
Use a flat-head screwdriver to release snaps at locations shown and apply inward pressure until finger is removed.

Note: For cleaning *PANDUIT* recommends using '*SIMPLE GREEN*' all purpose cleaner (or local equivalent) and a lint free cloth

FINGER REMOVAL

Apply inward pressure at finger ends to remove finger.

Score Groove
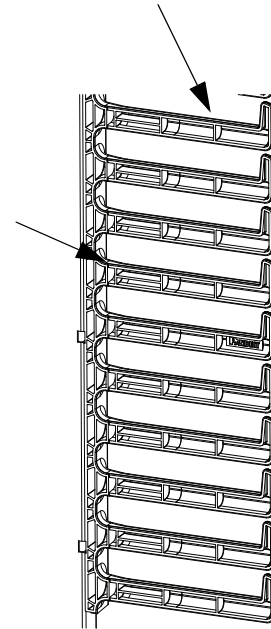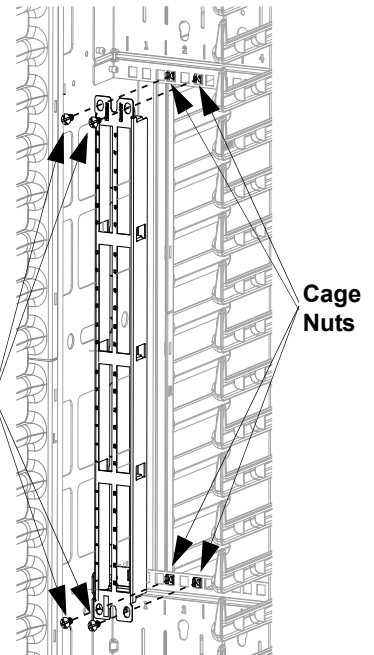
Equipment Mounting Instructions

1. Mount appropriate cage nuts to cage nut holes provided in center mounting brackets. Mounting to the cage nut holes on the bottom of a center mounting bracket to the holes on the top of the center mounting bracket directly below will meet the correct mounting requirement for CEA equipment.
2. Secure equipment using appropriate screws

Screws

Cage Nuts

Screws

Cage Nuts
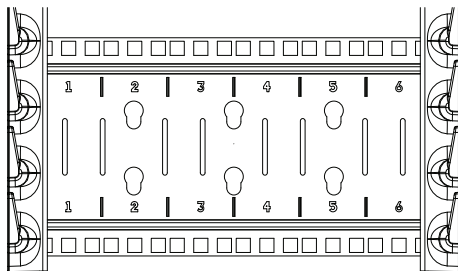
**Detail View
Center Mouning Bracket**
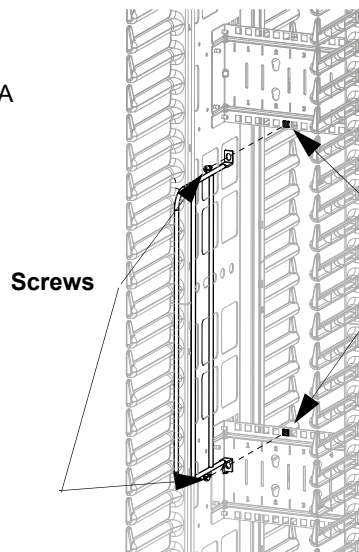
**Multi-Layer Strain
Relief Bar**

Quick Net Patch Panel