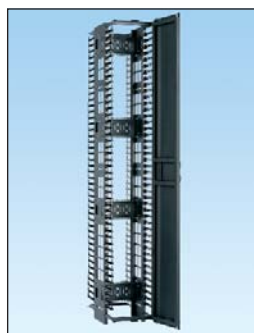


# PatchRunner™ High Capacity Vertical Cable Managers – 7 Foot

## PANDUIT® SPECIFICATION SHEET

### specifications

The 7 foot vertical cable manager shall consist of a metal backbone with cable management fingers that align with EIA rack spacing. The backbone shall be an open design that will accept 19" EIA accessories such as strain relief bars, patch panels, blanking panels and POU mounted vertically in a zero RU format. The fingers shall be molded out of plastic and provide integral bend radius control throughout the entire length. Fingers sections shall be removable. Individual fingers can be broken out. The manager shall accept a metal, hinged door that can open to the right or left. The vertical panel shall be able to manage all the cable on the rack without the aid of horizontal cable managers.



### technical information

#### Dual-sided vertical managers

<b>PEV6</b>	Dimensions: 83.5"H x 6.0"W x 27.5"D (2120mm x 152mm x 714mm)
<b>PEV8</b>	Dimensions: 83.5"H x 8.0"W x 27.5"D (2120mm x 203mm x 714mm)
<b>PEV10</b>	Dimensions: 83.5"H x 10.0"W x 27.5"D (2120mm x 254mm x 714mm)
<b>PEV12</b>	Dimensions: 83.5"H x 12.0"W x 27.5"D (2120mm x 305mm x 714mm)

#### Single sided vertical managers

<b>PEVF6</b>	Dimensions: 83.5"H x 6.0"W x 15.7"D (2120mm x 152mm x 404mm)
<b>PEVF8</b>	Dimensions: 83.5"H x 8.0"W x 15.7"D (2120mm x 203mm x 404mm)
<b>PEVF10</b>	Dimensions: 83.5"H x 10.0"W x 15.7"D (2120mm x 254mm x 404mm)
<b>PEVF12</b>	Dimensions: 83.5"H x 12.0"W x 15.7"D (2120mm x 305mm x 404mm)

#### Dual hinged metal door

<b>PED6</b>	Dimensions: 82.8"H x 6.1"W x 1.7"D (2103mm x 155mm x 43mm)
<b>PED8</b>	Dimensions: 82.8"H x 8.1"W x 1.7"D (2103mm x 206mm x 43mm)
<b>PED10</b>	Dimensions: 82.8"H x 10.1"W x 1.7"D (2103mm x 256mm x 43mm)
<b>PED12</b>	Dimensions: 82.8"H x 12.1"W x 1.7"D (2103mm x 307mm x 43mm)

### key features and benefits

<b>23" extra deep managers in 6", 8", 10", and 12" widths</b>	23" depth provides capacity for latest high performance switches and Category 6A cabling
<b>Integral EIA 19" zero RU mounting</b>	Allows mounting of many standard EIA 19" accessories, such as patch panels, vertically in the manager
<b>Open design</b>	Large pass through openings provide increased airflow for side flow switches
<b>Larger finger spacing</b>	Allows for 48 Category 6 or Category 6A cables in one finger space
<b>Optional high function metal door</b>	Push shut door with visual and audible feedback
<b>60/40 capacity split in dual-sided manager</b>	Orientate higher capacity side where it is needed on the rack, front or back
<b>Optional snap on cable retainer</b>	Can be placed onto fingers to help retain cables in channel during system installation and maintenance
<b>Integral cable retainer</b>	On the end of each finger to facilitate moves, adds, and changes
<b>RU identification</b>	Allows quick location of zero RU vertical mounting spaces

### applications

Panduit® PatchRunner™ High Capacity Vertical Cable Managers provide a solution that organizes, manages, protects, and showcases cabling for the latest high performance enterprise switching equipment. The wide and deep features of this vertical manager are ideal for Category 6A cabling or other high performance cabling. Integral EIA zero RU mounting capability in the back of the manager

allows equipment to be patched in the PatchRunner™ High Capacity Vertical Cable Manager itself, freeing up valuable RU space on the rack for equipment and allowing the use of shorter lengths of patch cords. The manager can also be channelized to allow separation of fiber or copper cables and provide cable tie off points.

#### Vertical Cable Managers – 7 Foot

<b>Dual-sided</b>	
<b>6" wide:</b>	PEV6
<b>8" wide:</b>	PEV8
<b>10" wide:</b>	PEV10
<b>12" wide:</b>	PEV12

<b>Single sided</b>	
<b>6" wide:</b>	PEVF6
<b>8" wide:</b>	PEVF8
<b>10" wide:</b>	PEVF10
<b>12" wide:</b>	PEVF12

#### Optional Dual Hinged Doors

<b>6" wide:</b>	PED6
<b>8" wide:</b>	PED8
<b>10" wide:</b>	PED10
<b>12" wide:</b>	PED12

#### Standard 2 Post Racks – 7 Foot

<b>19" mount:</b>	R2P
<b>23" mount:</b>	R2PW

#### 2 Post 6 Inch Channel Rack – 7 Foot

<b>19" mount:</b>	R2P6S
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#### 4 Post Racks, 19" Mount – 7 Foot

<b>23" deep</b>	R4P23*
<b>30" deep</b>	R4P*
<b>36" deep</b>	R4P36*
<b>42" deep</b>	R4P42*

\*Add "CN" for Cage Nut Rails

#### Horizontal Managers for Pathways

<b>2 RU:</b>	NCMHAEF2 NMF2
<b>4 RU:</b>	NCMHAEF4 NMF4

#### Accessories

##### Horizontal Cross Brace Bend Radius Control Clips

<b>6" wide for PEV6 and PEVF6:</b>	PEVBRC6
<b>8" wide for PEV8 and PEVF8:</b>	PEVBRC8
<b>10" wide for PEV10 and PEVF10:</b>	PEVBRC10
<b>12" wide for PEV12 and PEVF12:</b>	PEVBRC12

<b>End panel:</b>	PEVEP
<b>Strain relief bars:</b>	SRB19D5BL SRB19D7BL

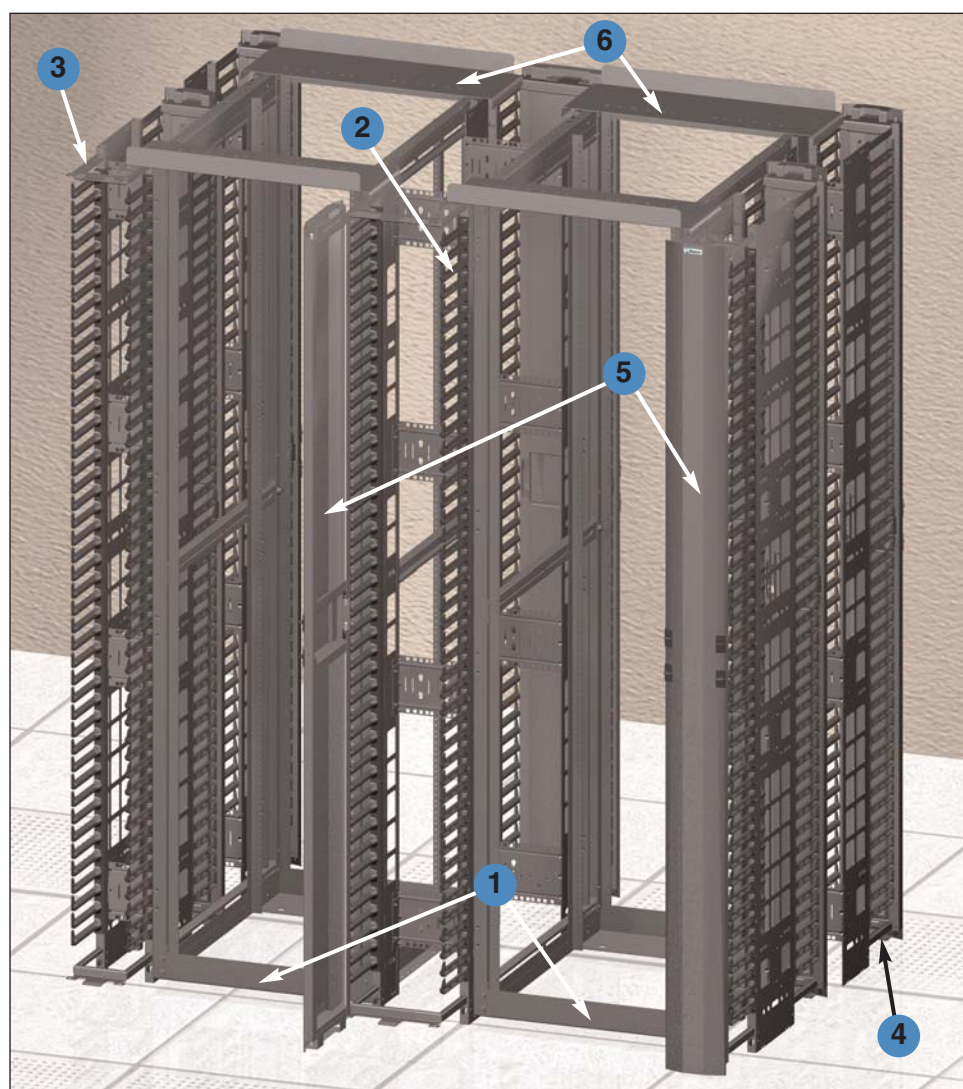
<b>QuickNet™ Patch Panels:</b>	QPP24BL QPP48HDBL
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<b>Blanking panels:</b>	DPFP1 DPFP2
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<b>Rack mounted power outlet units:</b>	CMRPSH15 CMRPSH20
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<b>Cable retainer:</b>	WR5E-X
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# PatchRunner™ High Capacity Vertical Cable Managers – 7 Foot



- 1** R4P – 4 Post Rack  
84.0"H x 23.3"W x 30.0"D,  
45 rack units (RU)
- R4P23 – 4 Post Rack  
84.0"H x 23.3"W x 23.0"D,  
45 RU (not shown)
- R4P36 – 4 Post Rack  
84.0"H x 23.3"W x 36.0"D,  
45 RU (not shown)
- R4P42 – 4 Post Rack  
84.0"H x 23.3"W x 41.5"D,  
45 RU (not shown)
- 2 3 4** PatchRunner™ High Capacity Vertical Cable Managers  
Available in 6", 8", 10",  
and 12" widths to fit  
7' racks
- 5** PatchRunner™ High Capacity Dual Hinged Metal Doors  
Available in 6", 8", 10", and 12"  
widths to fit 7' racks
- 6** R4PWF – Optional Top Trough  
with waterfall creates  
pathway above rack  
26.1"W x 8.5"D

## Cable Capacity Chart

Part Number	60% Capacity Channel				40% Capacity Channel				RU Capacity	
	Channel Area (in. <sup>2</sup> )	Cat. 6A (0.298" dia.)	Cat. 6A (0.289" dia.)	Cat. 6 (0.250" dia.)	Area (in. <sup>2</sup> )	Cat. 6A (0.298" dia.)	Cat. 6A (0.289" dia.)	Cat. 6 (0.250" dia.)	Total	
PEV6 (dual-sided) PEVF6 (single sided)	68.8	344	366	490	46.2	231	246	329	3 rows of 2 RU	6
PEV8 (dual-sided) PEVF8 (single sided)	94.9	475	506	676	65	325	345	461	3 rows of 3 RU	9
PEV10 (dual-sided) PEVF10 (single sided)	121.0	606	645	862	83.4	418	444	594	3 rows of 4 RU	12
PEV12 (dual-sided) PEVF12 (single sided)	147.05	737	784	1048	101.93	511	543	726	3 rows of 6 RU (6 with limited depth)	12/18

Note: Cable capacities are based on a fill ratio of 35% to accommodate proper cable routing techniques. For comparison, multiply by 1.5 for a fill ratio of 50%. All dimensions represent typical outer cable diameter in inches.

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