

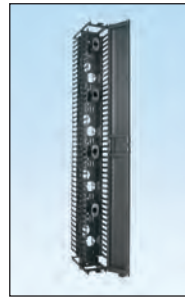
# PatchRunner™ Vertical Cable Managers

# PANDUIT®

SPECIFICATION SHEET

## specifications

The vertical cable manager shall consist of a metal backbone with cable management fingers that align with EIA rack spacing. The fingers shall be molded out of plastic and provide integral bend radius control throughout the entire length. Individual fingers shall be able to be removed without the aid of a tool. The backbone shall have pass through holes with rolled edges that provide bend radius control. The manager shall accept a metal, hinged door that can open to the right or left. The manager shall accept plastic slack management spools that can be repositioned as required. The vertical panel shall be able to manage all the cable on the rack without the aid of horizontal cable managers.



## technical information

<b>Dual-sided vertical managers</b>	
<b>PRV6*:</b>	Dimensions: 83.9"H x 6.0"W x 16.4"D (2131mm x 152mm x 417mm)
<b>PRV8*:</b>	Dimensions: 83.9"H x 8.0"W x 16.4"D (2131mm x 203mm x 417mm)
<b>PRV10*:</b>	Dimensions: 83.9"H x 10.0"W x 16.4"D (2131mm x 253mm x 417mm)
<b>PRV12*:</b>	Dimensions: 83.9"H x 12.0"W x 16.4"D (2131mm x 305mm x 417mm)
<b>PRV15*:</b>	Dimensions: 83.9"H x 15.0"W x 16.4"D (2131mm x 381mm x 417mm)
<b>PRV679:</b>	Dimensions: 78.9"H x 6.0"W x 16.4"D (2004mm x 152mm x 417mm)
<b>PRV1279:</b>	Dimensions: 78.9"H x 12.0"W x 16.4"D (2004mm x 305mm x 417mm)
<b>Single-sided vertical managers</b>	
<b>PRVF6*:</b>	Dimensions: 83.9"H x 6.0"W x 9.7"D (2131mm x 152mm x 246mm)
<b>PRVF8*:</b>	Dimensions: 83.9"H x 8.0"W x 9.7"D (2131mm x 203mm x 246mm)
<b>PRVF10*:</b>	Dimensions: 83.9"H x 10.0"W x 9.7"D (2131mm x 253mm x 246mm)
<b>PRVF12*:</b>	Dimensions: 83.9"H x 12.0"W x 9.7"D (2131mm x 305mm x 246mm)
<b>PRVF15*:</b>	Dimensions: 83.9"H x 15.0"W x 9.7"D (2131mm x 381mm x 246mm)
<b>PRVF679:</b>	Dimensions: 78.9"H x 6.0"W x 9.7"D (2004mm x 152mm x 246mm)
<b>PRVF1279:</b>	Dimensions: 78.9"H x 12.0"W x 9.7"D (2004mm x 305mm x 246mm)
<b>Mounting options:</b>	Mounts to all Panduit EIA racks
<b>Packaging:</b>	One vertical cable manager with assembly hardware: PRV8, 10, 12, and 15 series includes four each PRSP7 spools

## key features and benefits

<b>High-density</b>	Minimizes area required for network layout, freeing up valuable floor space
<b>Curved fingers</b>	Support cables as they transition to the vertical pathway eliminating the need for horizontal managers
<b>Individual fingers</b>	Individual fingers can be removed (without the use of a tool) to provide a large open area when creating cable pathways  Aligns with rack spaces to simplify cable routing for moves, adds, and changes
<b>Integral bend radius control</b>	Maintains cable bend radius ensuring network performance and system reliability
<b>Slack management spools</b>	Organize and manage patch cord slack allowing for standardization of patch cord lengths
<b>Dual hinged door</b>	Opens to the left or right to allow easy access to vertical pathway without having to completely remove door
<b>Snap-on vertical retainers</b>	Can be placed on fingers to help retain cables in channel for improved cable management and appearance

## applications

PatchRunner™ Vertical Cable Managers are designed to manage high-density networking equipment in, up to, half the area required by traditional cable management systems. Molded cable management fingers, with integral bend radius control, combine with Panduit angled patch panels to eliminate the need for horizontal cable managers. This frees up rack space for additional patch panels, active equipment, or cable pathways reducing the

number of racks that may be required for the network layout. The reduction in square footage combined with fewer components ordered, inventoried and installed results in significant cost savings for the network infrastructure. When used with Panduit connectivity, patch cords, and racks, the user receives a complete cable management solution that maximizes density while minimizing the area required for their network.

### Vertical Cable Managers - 6.5 Foot

<b>Dual-sided:</b>	
<b>6" wide:</b>	PRV679
<b>12" wide:</b>	PRV1279
<b>Single-sided:</b>	
<b>6" wide:</b>	PRVF679
<b>12" wide:</b>	PRVF1279

### Dual Hinged Doors - 6.5 Foot

<b>6" wide:</b>	PRD679
<b>12" wide:</b>	PRD1279

### Standard EIA Racks- 6.5 Foot

<b>2 post rack:</b>	R2P79
<b>4 post rack:</b>	R4P79
<b>4 post rack:</b>	R4PCN79

### Vertical Cable Managers – 7 Foot

<b>Dual-sided</b>	
<b>6" wide:</b>	PRV6*
<b>8" wide:</b>	PRV8*
<b>10" wide:</b>	PRV10*
<b>12" wide:</b>	PRV12*
<b>15" wide:</b>	PRV15*
<b>Single-sided</b>	
<b>6" wide:</b>	PRVF6*
<b>8" wide:</b>	PRVF8*
<b>10" wide:</b>	PRVF10*
<b>12" wide:</b>	PRVF12*
<b>15" wide:</b>	PRVF15*

### Dual Hinged Doors – 7 Foot

<b>6" wide:</b>	PRD6
<b>8" wide:</b>	PRD8
<b>10" wide:</b>	PRD10
<b>12" wide:</b>	PRD12
<b>15" wide:</b>	PRD15

### Optional Dual Hinged Doors – 7 Foot

<b>6" wide:</b>	PED6B1
<b>8" wide:</b>	PED8B1
<b>10" wide:</b>	PED10B1
<b>12" wide:</b>	PED12B1

### Standard EIA Racks – 7 Foot

<b>19" wide #12-24 threaded rail:</b>	R2P
<b>23" wide #12-24 threaded rail:</b>	R2PW
<b>19" wide #12-24 threaded rail:</b>	R2P6S*

### NetManager® Horizontal Cable Managers

<b>2 RU manager front only:</b>	NMF2
<b>3 RU manager front only:</b>	NMF3
<b>4 RU manager front only:</b>	NMF4

### Horizontal Managers for Pathways

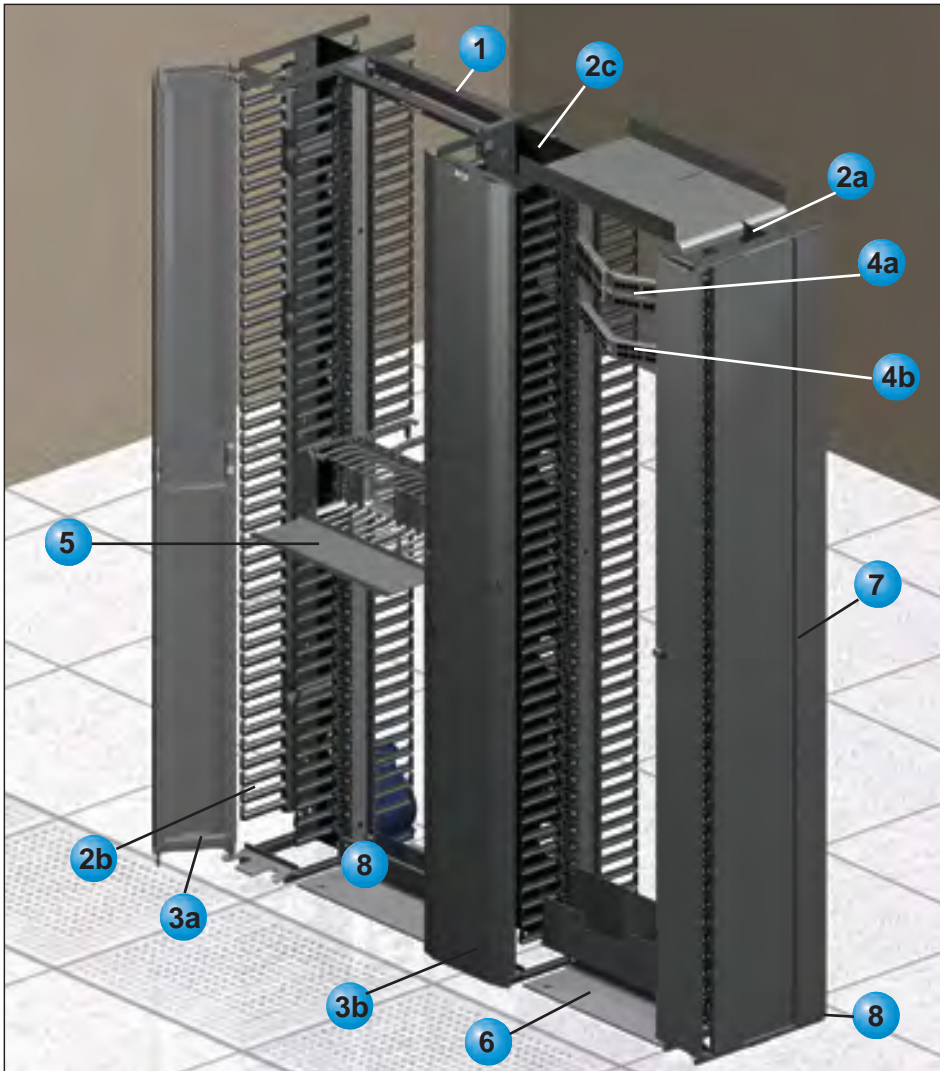
<b>Cable routing trough:</b>	
	CMT4
	CMLT19
	CMUT19

### Accessories

<b>7" front slack management spool:</b>	PRSP7
<b>5" rear slack management spool:</b>	PRSP5
<b>End panel:</b>	PREPB1
<b>End panel:</b>	PEVEPB1
<b>Cable retainer:</b>	WR5E-X

\* For part numbers 8 feet tall, add "96" to end of part number. Ex: PRV696 or PRVF696

# PatchRunner™ Vertical Cable Managers



- 1** R2P – 19" Standard EIA Rack 19" x 7", 45 RU
- PATCHRUNNER™ VERTICAL MANAGERS**
- 2a** PRV6 – 6" wide
- 2b** PRV8 – 8" wide
- 2c** PRV12 – 12" wide
- HINGED DOORS**
- 3a** PRD8 – Dual Hinge, 8" wide
- 3b** PED12B1 – Dual Hinge, 12" wide
- ANGLED MODULAR PATCH PANELS**
- 4a** CPPLA48WBLY – 2 RU, 48-Port
- 4b** CPPA48HDWBLY – 1 RU, High Density 48-Port
- 5** NM4 – Cable Pathway, 4 RU
- 6** CMT4 – Trough, 4 RU
- 7** PREPB1 – End Panel
- 8** RFG6X8 – Cool Boot™ Raised Floor Air Sealing Grommet

## cable capacity chart

Part Number	Front Channel w/ Spool					Front Channel No Spool					Rear Channel				
	Channel Area (In <sup>2</sup> )	Cable Capacity				Channel Area (In <sup>2</sup> )	Cable Capacity				Channel Area (In <sup>2</sup> )	Cable Capacity			
		Cat. 6A-SD (0.240)	Cat. 6A (0.300)	Cat. 6 (0.240)	Cat. 5e (0.225)		Cat. 6A-SD (0.240)	Cat. 6A (0.300)	Cat. 6 (0.240)	Cat. 5e (0.225)		Cat. 6A-SD (0.240)	Cat. 6A (0.300)	Cat. 6 (0.240)	Cat. 5e (0.225)
PRV6* (Dual-Sided)	28.22	—	—	—	—	37.8	292	187	292	332	27.6	213	136	213	243
PRVF6* (Single-Sided)	28.22	—	—	—	—	37.8	292	187	292	332	—	—	—	—	—
PRV8* (Dual-Sided)	44.68	345	221	345	393	54.3	419	268	419	477	39.0	301	193	301	343
PRVF8* (Single-Sided)	44.68	345	221	345	393	54.3	419	268	419	477	—	—	—	—	—
PRV10* (Dual-Sided)	61.14	473	302	473	538	70.7	547	350	547	622	50.3	389	249	389	443
PRVF10* (Single-Sided)	61.14	473	302	473	538	70.7	547	350	547	622	—	—	—	—	—
PRV12* (Dual-Sided)	77.6	600	384	600	683	87.2	674	431	674	767	61.7	477	305	477	543
PRVF12* (Single-Sided)	77.6	600	384	600	683	87.2	674	431	674	767	—	—	—	—	—
PRV15* (Dual-Sided)	102.3	791	506	791	900	111.9	865	554	865	984	78.7	609	389	609	693
PRVF15* (Single-Sided)	102.3	791	506	791	900	111.9	865	554	865	984	—	—	—	—	—

Capacities are based on a fill rate of 35% to accommodate proper cable routing techniques. For comparison, multiply by 1.5 for a fill rate of 50%. The above cable diameters represent the nominal Panduit cable diameter per performance level. \*For part numbers that are 8 foot tall, add "96" to the end of the part number.

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Replaces WW-RKSP12  
8/2015