

# 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. 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

6.5 Foot Managers and Doors				7 Foot Managers and Doors				8 Foot Managers and Doors								
Part Number	RU	Height in (mm)	Width in (mm)	Depth in (mm)	Part Number	RU	Height in (mm)	Width in (mm)	Depth in (mm)	Part Number	RU	Height in (mm)	Width in (mm)	Depth in (mm)		
PRV679	42	78.9 (2004)	6.0 (152)	16.4 (417)	Dual Sided Vertical Managers	PRV6	45	83.9 (2131)	6.0 (152)	16.4 (417)	Dual Sided Vertical Managers	PRV696	52	95.5 (2426)	6.0 (152)	16.4 (417)
				PRV8		45	83.9 (2131)	8.0 (203)	16.4 (417)	PRV896		52	95.5 (2426)	8.0 (203)	16.4 (417)	
				PRV10		45	83.9 (2131)	10.0 (253)	16.4 (417)	PRV1096		52	95.5 (2426)	10.0 (253)	16.4 (417)	
PRV1279	42	78.9 (2004)	12.0 (305)	16.4 (417)	Dual Sided Vertical Managers	PRV12	45	83.9 (2131)	12.0 (305)	16.4 (417)	Dual Sided Vertical Managers	PRV1296	52	95.5 (2426)	12.0 (305)	16.4 (417)
				PRV15		45	83.9 (2131)	15.0 (381)	16.4 (417)	PRV1596		52	95.5 (2426)	15.0 (381)	16.4 (417)	
				PRV6		45	83.9 (2131)	6.0 (152)	9.7 (246)	PRV696		52	95.5 (2426)	6.0 (152)	9.7 (246)	
PRVF679	42	78.9 (2004)	6.0 (152)	9.7 (246)	Single Sided Vertical Managers	PRVF8	45	83.9 (2131)	8.0 (203)	9.7 (246)	Single Sided Vertical Managers	PRVF896	52	95.5 (2426)	8.0 (203)	9.7 (246)
				PRVF10		45	83.9 (2131)	10.0 (253)	9.7 (246)	PRVF1096		52	95.5 (2426)	10.0 (253)	9.7 (246)	
				PRVF12		45	83.9 (2131)	12.0 (305)	9.7 (246)	PRVF1296		52	95.5 (2426)	12.0 (305)	9.7 (246)	
PRVF1279	42	78.9 (2004)	12.0 (305)	9.7 (246)	Single Sided Vertical Managers	PRVF15	45	83.9 (2131)	15.0 (381)	9.7 (246)	Single Sided Vertical Managers	PRVF1596	52	95.5 (2426)	15.0 (381)	9.7 (246)
				PRD6		45	82.8 (2104)	6.1 (155)	1.6 (40)	PRD696		52	94.4 (2399)	6.1 (155)	1.6 (40)	
				PRD8		45	82.8 (2104)	8.1 (206)	1.6 (40)	PRD896		52	94.4 (2399)	8.1 (206)	1.6 (40)	
PRD679	42	77.8 (1977)	6.1 (155)	1.6 (40)	Dual Hinged Metal Doors	PRD10	45	82.8 (2104)	10.1 (257)	1.6 (40)	Dual Hinged Metal Doors	PRD1096	52	94.4 (2399)	10.1 (257)	1.6 (40)
				PRD12		45	82.8 (2104)	12.1 (308)	1.6 (40)	PRD1296		52	94.4 (2399)	12.1 (308)	1.6 (40)	
				PRD15		45	82.8 (2104)	15.1 (384)	1.6 (40)	PRD1596		52	94.4 (2399)	15.1 (384)	1.6 (40)	

## 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>	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.

[www.panduit.com](http://www.panduit.com)

### 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

### Enhanced 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

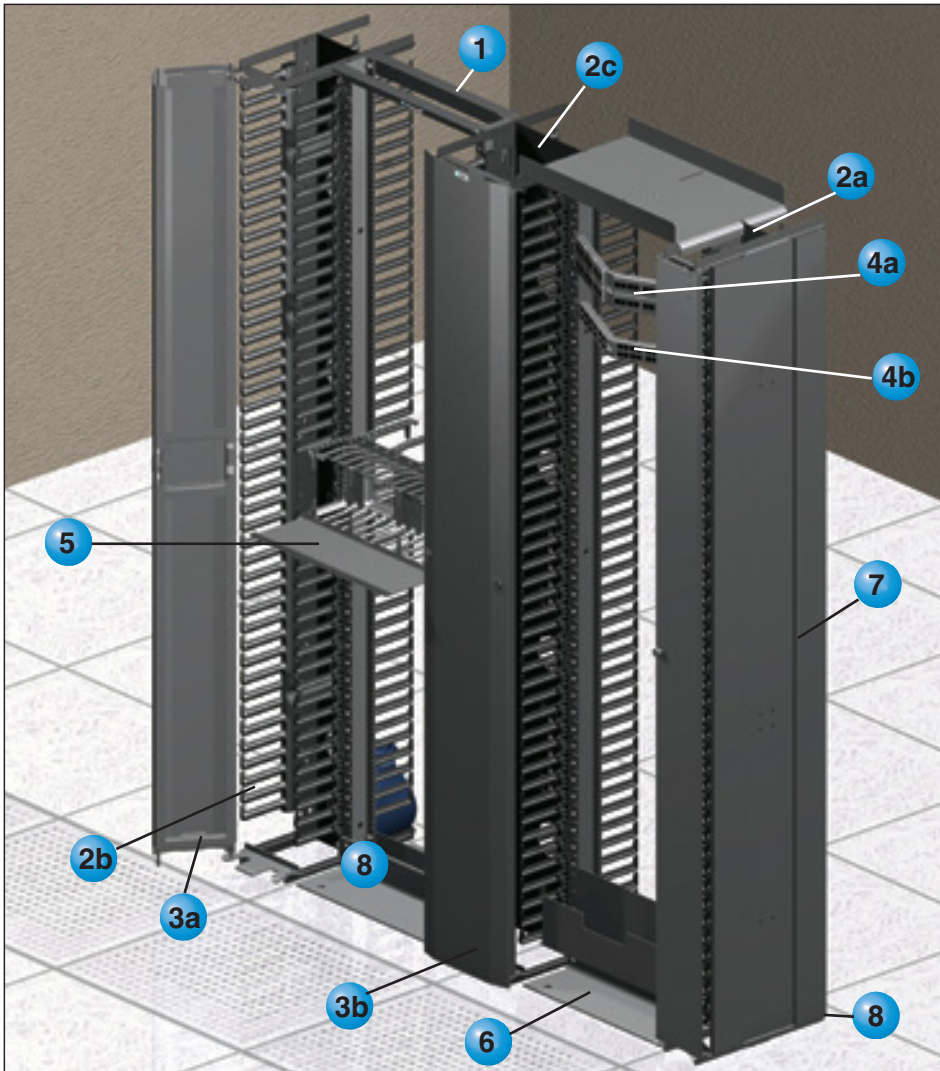
<b>Cable routing trough:</b>	CMT4
	CMLT19
	CMUT19

### Accessories

<b>7" front slack management spool:</b>	PRSP7
<b>5" rear slack management spool:</b>	PRSP5
<b>End panel:</b>	PREP*B1
<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> )	Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")	Channel Area (in <sup>2</sup> )	Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")	Channel Area (in <sup>2</sup> )	Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")
PRV6* (dual sided)	28.2	419	190	638	260	37.8	562	254	855	348	27.6	410	185	624	254
PRVF6* (single sided)											-	-	-	-	-
PRV8* (dual sided)	44.7	664	300	1011	412	54.3	808	365	1229	500	39	580	262	882	359
PRVF8* (single sided)											-	-	-	-	-
PRV10* (dual sided)	61.1	909	411	1383	563	70.7	1052	476	1600	652	50.3	748	338	1138	463
PRVF10* (single sided)											-	-	-	-	-
PRV12* (dual sided)	77.6	1154	522	1756	715	87.2	1297	587	1973	804	61.7	918	415	1396	569
PRVF12* (single sided)											-	-	-	-	-
PRV15* (dual sided)	102.3	1522	688	2315	943	111.9	1665	753	2532	1031	78.7	1171	530	1781	725
PRVF15* (single sided)											-	-	-	-	-
Single PRV Finger	4.6	85	38	130	53										

Capacities are based on a fill rate of 40% to accommodate proper cable routing techniques.  
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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