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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)	Dual Sided Vertical Managers
						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)		PRV12	45	83.9 (2131)	12.0 (305)	16.4 (417)		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)	
PRVF679	42	78.9 (2004)	6.0 (152)	9.7 (246)	Single Sided Vertical Managers	PRVF6	45	83.9 (2131)	6.0 (152)	9.7 (246)	Single Sided Vertical Managers	PRVF696	52	95.5 (2426)	6.0 (152)	9.7 (246)	Single Sided Vertical Managers
						PRVF8	45	83.9 (2131)	8.0 (203)	9.7 (246)		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)	
PRVF1279	42	78.9 (2004)	12.0 (305)	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)	
						PRVF15	45	83.9 (2131)	15.0 (381)	9.7 (246)		PRVF1596	52	95.5 (2426)	15.0 (381)	9.7 (246)	
PRD679	42	77.8 (1977)	6.1 (155)	1.6 (40)	Dual Hinged Metal Doors	PRD6	45	82.8 (2104)	6.1 (155)	1.6 (40)	Dual Hinged Metal Doors	PRD696	52	94.4 (2399)	6.1 (155)	1.6 (40)	Dual Hinged Metal Doors
						PRD8	45	82.8 (2104)	8.1 (206)	1.6 (40)		PRD896	52	94.4 (2399)	8.1 (206)	1.6 (40)	
						PRD10	45	82.8 (2104)	10.1 (257)	1.6 (40)		PRD1096	52	94.4 (2399)	10.1 (257)	1.6 (40)	
PRD1279	42	77.8 (1977)	12.1 (308)	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

High-density	Minimizes area required for network layout, freeing up valuablefloor space
Curved fingers	Support cables as they transition to the vertical pathway eliminating the need for horizontal managers
Individual fingers	Aligns with rack spaces to simplify cable routing for moves, adds,and changes
Integral bend radius control	Maintains cable bend radius ensuring network performance and system reliability
Slack management spools	Organize and manage patch cord slack allowing for standardization of patch cord lengths
Dual hinged door	Opens to the left or right to allow easy access to vertical pathway without having to completely remove door
Snap-on vertical retainers	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

Vertical Cable Managers – 6.5 Foot

Dual-sided:	
6" wide:	PRV679
12" wide:	PRV1279
Single-sided:	
6" wide:	PRVF679
12" wide:	PRVF1279

Dual Hinged Doors – 6.5 Foot

6" wide:	PRD679
12" wide:	PRD1279

Standard EIA Racks – 6.5 Foot

2 post rack:	R2P79
4 post rack:	R4P79
4 post rack:	R4PCN79

Vertical Cable Managers – 7 Foot

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

Dual Hinged Doors – 7 Foot

6" wide:	PRD6
8" wide:	PRD8
10" wide:	PRD10
12" wide:	PRD12
15" wide:	PRD15

Enhanced Dual Hinged Doors – 7 Foot

6" wide:	PED6B1
8" wide:	PED8B1
10" wide:	PED10B1
12" wide:	PED12B1

Standard EIA Racks – 7 Foot

19" wide #12-24 threaded rail:	R2P*
23" wide #12-24 threaded rail:	R2PW
19" wide #12-24 threaded rail:	R2P6S*

NetManager® Horizontal Cable Managers

2 RU manager front only:	NMF2
3 RU manager front only:	NMF3
4 RU manager front only:	NMF4

Horizontal Managers for Pathways

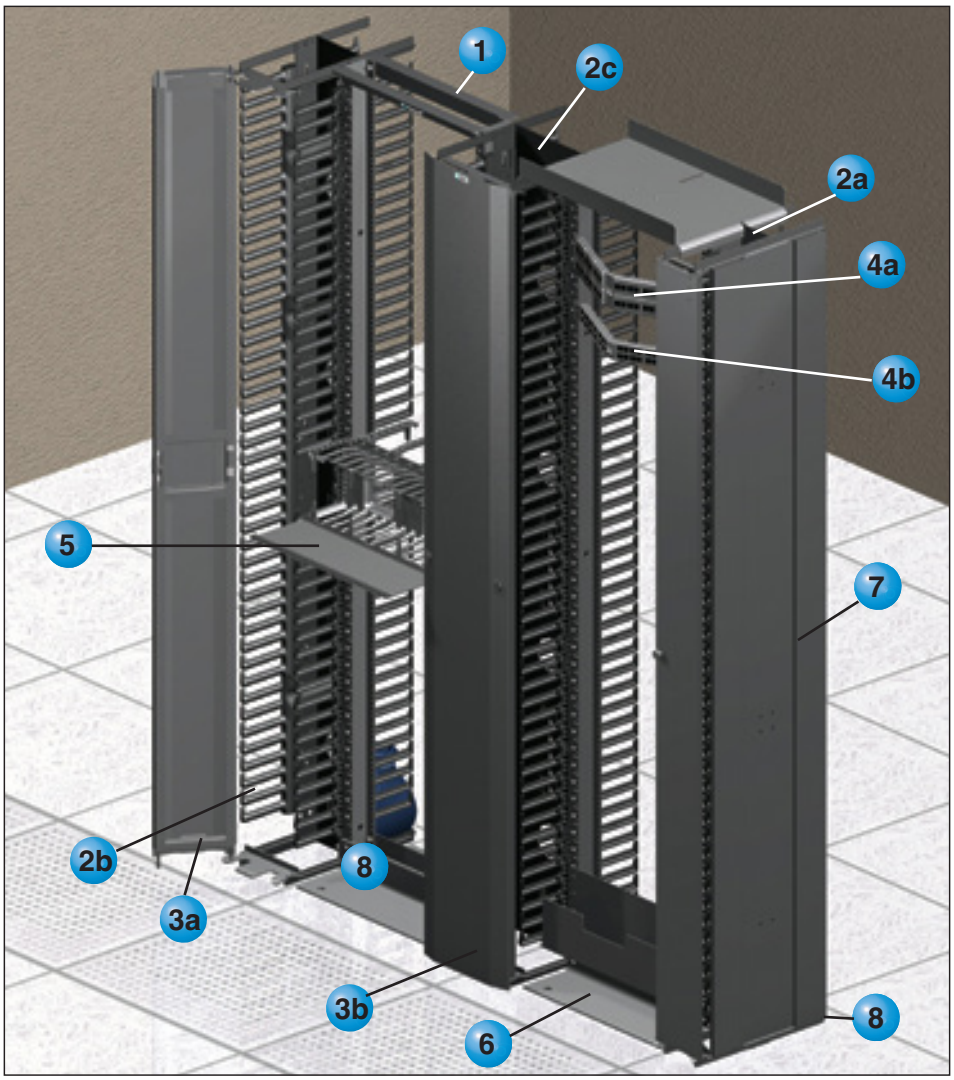
Cable routing trough:	CMT4 CMLT19 CMUT19

Accessories

7" front slack management spool:	PRSP7
5" rear slack management spool:	PRSP5
End panel:	PREP*B1
Cable retainer:	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 (in²)	Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")	Channel Area (in²)	Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")	Channel Area (in²)	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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