# PatchRunner™ User-Assembled High Capacity Vertical Cable Managers – 7 Foot

specifications

The user-assembled 7 foot vertical cable manager shall ship in a compact flat package and 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. Finger 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. When used with angled patch panels, all of the patch cords on the rack shall be able to be managed without the aid of horizontal cable managers.
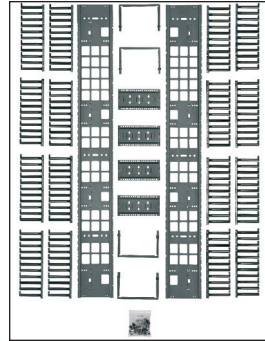
technical information

Dual-sided vertical managers
PEV6B1	Dimensions: 83.5"H x 6.0"W x 27.8"D (2120mm x 152mm x 706mm)
PEV8B1	Dimensions: 83.5"H x 8.0"W x 27.8"D (2120mm x 203mm x 706mm)
PEV10B1	Dimensions: 83.5"H x 10.0"W x 27.8"D (2120mm x 254mm x 706mm)
PEV12B1	Dimensions: 83.5"H x 12.0"W x 27.8"D (2120mm x 305mm x 706mm)

Single-sided vertical managers
PEVF6B1	Dimensions: 83.5"H x 6.0"W x 15.8"D (2120mm x 152mm x 401mm)
PEVF8B1	Dimensions: 83.5"H x 8.0"W x 15.8"D (2120mm x 203mm x 401mm)
PEVF10B1	Dimensions: 83.5"H x 10.0"W x 15.8"D (2120mm x 254mm x 401mm)
PEVF12B1	Dimensions: 83.5"H x 12.0"W x 15.8"D (2120mm x 305mm x 401mm)

Dual-hinged metal door
PED6B1	Dimensions: 82.8"H x 6.1"W x 1.7"D (2103mm x 155mm x 43mm)
PED8B1	Dimensions: 82.8"H x 8.1"W x 1.7"D (2103mm x 206mm x 43mm)
PED10B1	Dimensions: 82.8"H x 10.1"W x 1.7"D (2103mm x 256mm x 43mm)
PED12B1	Dimensions: 82.8"H x 12.1"W x 1.7"D (2103mm x 307mm x 43mm)

key features and benefits

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

applications

Panduit® User-Assembled 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.

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Vertical Cable Managers – 7 Foot

Dual-sided
6" wide:	PEV6B1
8" wide:	PEV8B1
10" wide:	PEV10B1
12" wide:	PEV12B1

Single sided
6" wide:	PEVF6B1
8" wide:	PEVF8B1
10" wide:	PEVF10B1
12" wide:	PEVF12B1

Optional Dual-Hinged Doors
6" wide:	PED6B1
8" wide:	PED8B1
10" wide:	PED10B1
12" wide:	PED12B1

Standard 2 Post Racks – 7 Foot
19" mount:	R2P
23" mount:	R2PW

2 Post 6 Inch Channel Rack – 7 Foot
19" mount:	R2P6S

Heavy Duty 4 Post Racks, 19" Mount – 7 Foot
23" deep:	R4P23*
30" deep:	R4P*
36" deep:	R4P36*
42" deep:	R4P42*

*Add "CN" for Cage Nut Rails

4 Post Racks, 19" Mount - 7 Foot
23" deep:	ER4P23
29" deep:	ER4P29

Horizontal Managers for Pathways
2 RU:	PEHF2
3 RU:	PEHF3
4 RU:	PEHF4

Accessories

Horizontal Cross Brace Bend Radius Control Clips
6" wide for PEV6 and PEVF6:	PEVBRC6
8" wide for PEV8 and PEVF8:	PEVBRC8
10" wide for PEV10 and PEVF10:	PEVBRC10
12" wide for PEV12 and PEVF12:	PEVBRC12
End panel:	PEVEPB1
Strain relief bars:	SRB19D5BL
	SRB19D7BL

QuickNet™
Patch Panels:	QPP24BL
	QPP48HDBL
Blanking panels:	DPFP1
	DPFP2
Rack mounted power outlet units:	CMRPSH15
	CMRPSH20
Cable retainer:	WR5E-X

Additional color available: White (WH)
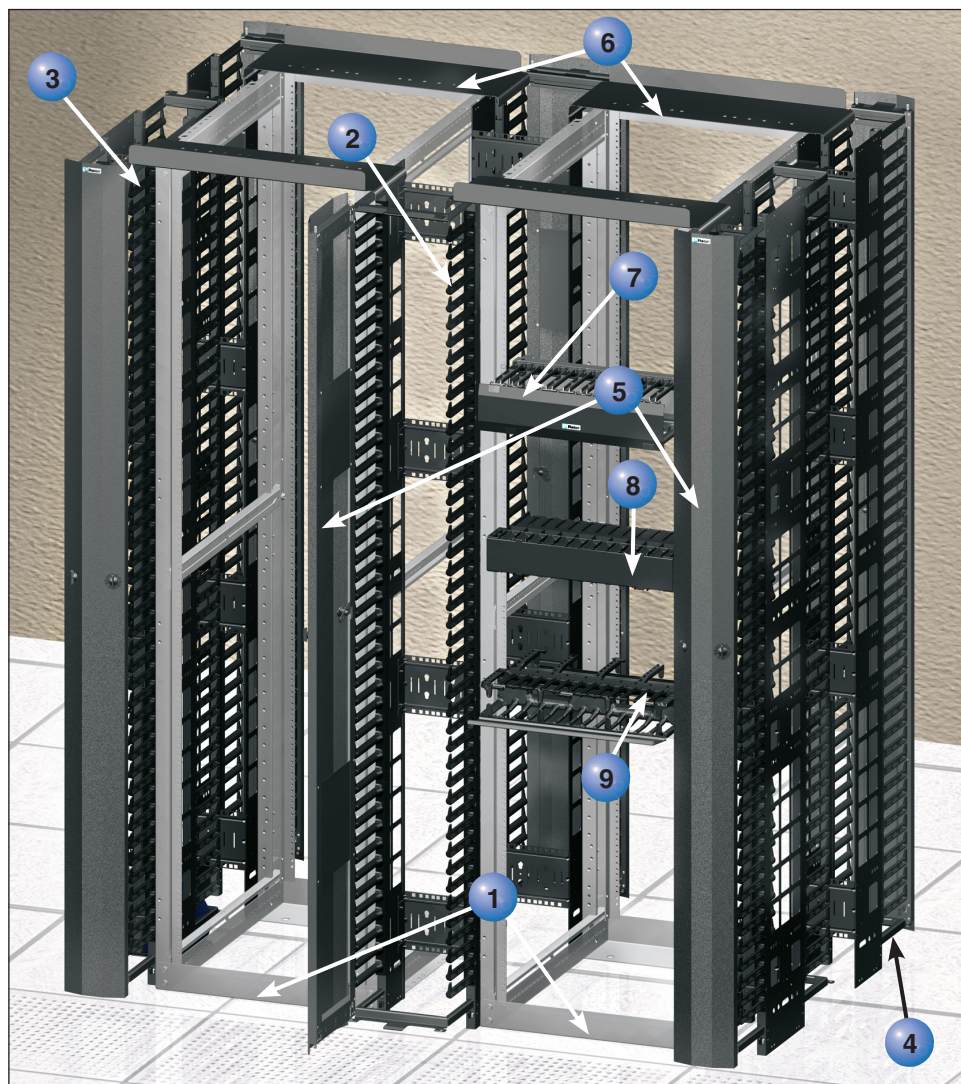
① R4P – 4 Post Rack
84.0"H x 23.3"W x 30.0"D,
45 rack units (RU)

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)

ER4P23 – 4 Post Rack
84.0"H x 20.3"W x 23.0"D,
45 RU (not shown)

ER4P29 – 4 Post Rack
84.0"H x 20.3"W x 29.0"D,
45 RU (not shown)

②
③ PatchRunner™
High Capacity
Vertical Cable Managers

④ 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

⑦ PEHF3 – PatchRunner™ High
Capacity Horizontal
Cable Manager

⑧ NCMH2 – NetManager™ Horizontal
Cable Manager

⑨ NM2 – NetManager™ High Capacity
Horizontal Cable Manager

Cable Capacity Chart*

Part Number	60% Capacity Channel					40% Capacity Channel					RU Capacity	
	Channel Area (In.²)	Cat.6A-SD (0.240")	Cat.6A (0.300")	Cat.6 (0.240")	Cat.5e (0.225")	Area (In.²)	Cat.6A-SD (0.240")	Cat.6A (0.300")	Cat.6 (0.240")	Cat.5e (0.225")		Total
PEV6B1 (dual-sided) PEVF6B1 (single-sided)	64.8	531 —	340 —	531 —	605 —	46.2 —	357 —	228 —	357 —	406 —	3 rows of 2 RU	6
PEV8B1 (dual-sided) PEVF8B1 (single-sided)	83.4	733 —	469 —	733 —	834 —	65 —	501 —	320 —	501 —	570 —	3 rows of 3 RU	9
PEV10B1 (dual-sided) PEVF10B1 (single-sided)	121	936 —	599 —	936 —	1065 —	83.4 —	644 —	412 —	644 —	733 —	3 rows of 4 RU	12
PEV12B1 (dual-sided) PEVF12B1 (single-sided)	147	1137 —	728 —	1137 —	1294 —	102 —	789 —	505 —	789 —	897 —	3 rows of 6 RU (6 with limited depth)	12/18

*Capacities are based on a fill ratio of 35% to accommodate proper cable routing techniques. For 50% fill ratio, multiply by 1.5.
Multiply Category 6A capacity by 1.5 for fill ratio when using Panduit Category 6A-SD cable.
All dimensions represent typical outer cable diameter in inches (mm).

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300

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