

# 2 Post Rack and Vertical Manager Combination Pack

## specifications

The combination pack shall consist of a 7 foot 2 post 3" EIA compliant rack, one fully molded vertical cable manager, and anchor bolts shipped in one container. The 2 post rack shall be made of extruded aluminum and have each rack unit (RU) numerically labeled from the bottom to the top of the rack. The vertical cable manager shall be a fully molded product shipped in two pieces for ease of handling.



## technical information

### Dual-sided vertical managers

<b>RWMPV45E</b>	Dimensions: 84.0"H x 25.5"W x 15"D (2134mm x 648mm x 381mm), 45 RU
<b>RWMPVHC45E</b>	Dimensions: 84.0"H x 27.4"W x 15"D (2134mm x 695mm x 381mm), 45 RU
<b>RNRV6</b>	Dimensions: 84.0"H x 27.1"W x 15"D (2134mm x 689mm x 381mm), 45 RU
<b>RNRV10</b>	Dimensions: 84.0"H x 30.4"W x 15"D (2134mm x 773mm x 381mm), 45 RU

### Single sided vertical managers

<b>RWMPVF45E</b>	Dimensions: 84.0"H x 25.5"W x 15"D (2134mm x 648mm x 381mm), 45 RU
<b>RWMPVHCF45E</b>	Dimensions: 84.0"H x 27.4"W x 15"D (2134mm x 695mm x 381mm), 45 RU

### High capacity dual hinge metal door

<b>NRD6</b>	Dimensions: 82.8"H x 7.4"W x 1.6"D (2104mm x 188mm x 40mm)
<b>NRD10</b>	Dimensions: 82.8"H x 10.7"W x 1.6"D (2104mm x 272mm x 40mm)

### Packaging:

Includes one vertical cable manager, a 2 post rack with right and left mounting rack channels, concrete anchor bolts, top and bottom brackets, assembly hardware with paint piercing washers, and anti-oxidizing paste for complete rack bonding

## key features and benefits

<b>Designed to be lightweight and durable for easier deployment</b>	Aluminum rack construction and molded vertical manager reduces transportation costs; Rack is UL listed for 1000 lbs.
<b>Accessories allow system scalability and expandability</b>	Accessories include thermal duct for switch heat mitigation, shelves and top trough with waterfall
<b>Scalability</b>	Multiple combination pack can be used to create a multi rack lineup
<b>Flexibility</b>	Includes 2 post rack with either a dual-sided or single sided cable manager
<b>Installation</b>	Includes concrete anchor bolts for a secure installation

## applications

The combination pack was designed to provide basic racking and vertical cable management for telecommunications rooms or any application where an economical 2 post rack for the mounting of 19" wide EIA based equipment is needed. A range of vertical manager widths, as well as dual-sided or

single sided cable managers are available. Optional accessories such as horizontal cable managers, shelves, and thermal ducting are available based on application requirements. Multiple combination packs can be bolted together to create entire rack and vertical manager lineups.

<sup>^</sup>Cisco is a registered trademark of Cisco Technology Inc.

### 2 Post 3" Channel Racks Numbered Up with Dual-Sided Vertical Cable Managers

#12-24 threaded equipment rail:	RWMPV45E
Optional manager for RWMPV45E end of row:	WMPV45E
#12-24 threaded equipment rail:	RWMPVHC45E
Optional manager for RWMPVHC45E end of row:	WMPVHC45E
#12-24 threaded equipment rail:	RNRV6
Optional manager for RNRV6 end of row:	NRV6
Optional door for RNRV6:	NRD6
#12-24 threaded equipment rail:	RNRV10
Optional manager for RNRV10 end of row:	NRV10
Optional door for RNRV10:	NRD10

### 2 Post 3" Channel Racks Numbered Up with Single Sided Vertical Cable Managers

#12-24 threaded equipment rail:	RWMPVF45E
Optional manager for RWMPVF45E end of row:	WMPVF45E
#12-24 threaded equipment rail:	RWMPVHCF45E
Optional manager for RWMPVHCF45E end of row:	WMPVHCF45E

### 2 Post 3" Channel Rack Accessories for 19" Wide Rack – Front Mount Shelves

1.7"H x 19.0"W x 15.2"D:	SRM19FM1
3.5"H x 19.0"W x 15.2"D:	SRM19FM2

### Cantilevered Shelf Vented

5.2"H x 19.2"W x 12.5"D:	SRM19CMV3
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### Cantilevered Shelf

5.2"H x 19.0"W x 12.5"D:	SRM19CM3
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### Adjustable Shelves

19.0"W x 18.0"D:	SRM19X18A1
19.0"W x 25.0"D:	SRM19X25A1

### Rack Top Trough

For NetRunner™	WMPV45ERTW
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### Thermal Duct

Thermal duct for Cisco Catalyst <sup>^</sup> 6509	R2PAE1
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### Additional Hardware

100 #12-24 screws	S1224-C
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### NetManager™ High Capacity Horizontal Cable Managers

<b>Dual-sided</b>	
1RU:	NM1
2RU:	NM2
3RU:	NM3
4RU:	NM4
<b>Single sided</b>	
1RU:	NMF1
2RU:	NMF2
3RU:	NMF3
4RU:	NMF4

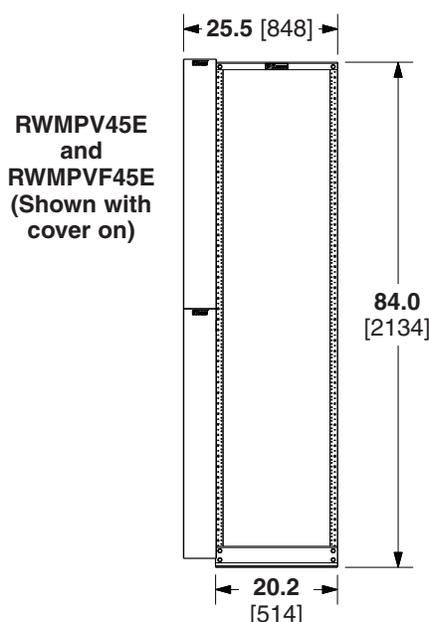
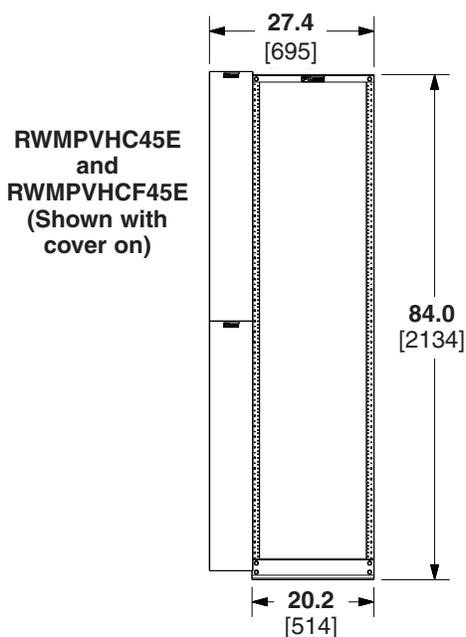
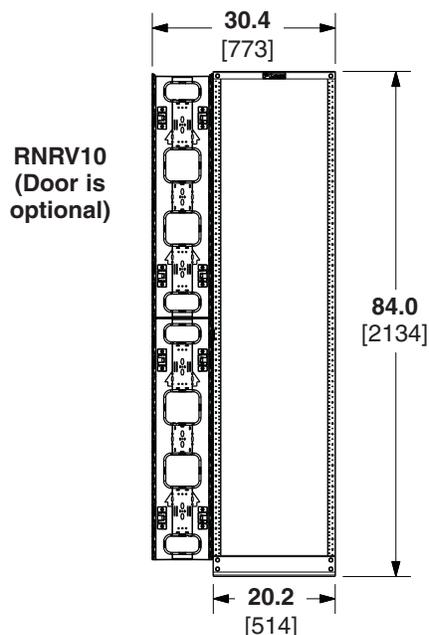
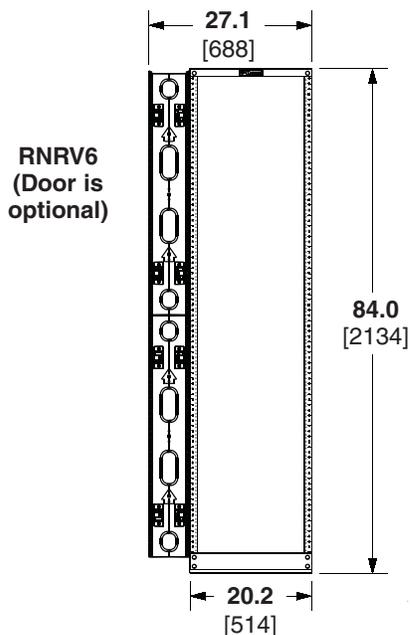
### PatchLink™ Horizontal Cable Managers

Dual-sided, 2 RU:	WMP1E
Dual-sided, 1 RU:	WMPSE
Single sided, 2 RU:	WMPF1E
Single sided, 1 RU:	WMPF5E

### Additional Accessories

Center mount bracket kit: (For use with RWMPV45E, RMPVHC45E, RWMPVF45E, and RWMPVHCF45E)	WMPVCBE
Center mount bracket kit: (For use with RNRV6 and RNRV10)	NRVCB
Cable retainers: (Package of 10)	WR5E-X
Slack spool, front or rear:	PRSP5

# 2 Post Rack and Vertical Manager Combination Pack



Part Number	Front Channel (Without Spools)					Rear Channel (Without Spools)				
	Area (in <sup>2</sup> )	Cat. 5e (.225)	Cat. 6 (.240)	Cat. 6A (.300)	Cat. 6A-SD (.240)	Area (in <sup>2</sup> )	Cat. 5e (.225)	Cat. 6 (.240)	Cat. 6A (.300)	Cat. 6A-SD (.240)
RWMPV45E	18.5	162	143	91	143	18.5	162	143	91	143
RWMPVF45E	18.5	162	143	91	143	—	—	—	—	—
RWMPVHC45E	34.5	303	266	170	266	34.5	303	266	170	266
RWMPVHCF45E	34.5	303	266	170	266	—	—	—	—	—
RNRV6	36.0	316	278	178	278	36.0	316	278	178	278
RNRV10	52.4	461	405	259	405	52.4	461	405	259	405

Note: Cable 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%. All dimensions represent typical outer cable diameter in inches. The above cable diameters represent the nominal Panduit cable diameter per performance level.

Dimensions are in inches. [Dimensions in brackets are metric].

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