System **Overview**

Copper Systems

C. Fiber **Optic** Systems

D. Power over Ethernet

E. Zone Cabling

Wireless

G. Outlets

Media Distribution

Ι. Physical Infrastructure Management

J. Overhead & Underfloor Routing

Surface Raceway

Cabinets, Racks & Cable

Grounding & Bonding

Industrial

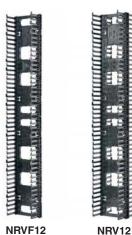
Labeling & Identification

Cable Management Accessories

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NetRunner [™] High Capacity Vertical Cable Managers

- Large finger openings accommodate up to 24 Category 6A cables
- Push button dual hinged doors ordered separately can be opened 110° to the left or right to provide complete access to the cables inside the vertical pathway
- Snap-on cable retainers can be placed on to fingers to help retain cables in channel during installation and maintenance
- · Vertical managers include cable retainers, mounting brackets and #12-24 screws
- · Zero RU mounting capability expands the functionality of the vertical manager





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Part Number	Part Description	No. of Rack Spaces	Std. Pkg. Qty.	Std. Ctn. Qty.
NRV6	High capacity front and rear vertical manager. Dimensions: 80.4"H x 6.7"W x 13.8"D (2042mm x 170mm x 350mm).	45	1	
NRV10	High capacity front and rear vertical manager. Dimensions: 80.4"H x 10.0"W x 13.8"D (2042mm x 254mm x 350mm).	45	1	
NRV12	High capacity front only vertical manager. Dimensions: 80.4"H x 12.0"W x 7.48"D (2042mm x 305mm x 190mm).	45	1	_
NRVF6	High capacity front only vertical manager. Dimensions: 80.4"H x 6.7"W x 7.48"D (2042mm x 170mm x 190mm).	45	1	_
NRVF10	High capacity front only vertical manager. Dimensions: 80.4"H x 10.0"W x 7.48"D (2042mm x 254mm x 190mm).	45	1	
NRVF12	High capacity front only vertical manager. Dimensions: 80.4"H x 12.0"W x 7.48"D (2042mm x 305mm x 190mm).	45	1	_
NRD6	High capacity dual hinge metal door. Dimensions: 82.8"H x 7.4"W x 1.6"D (2104mm x 188mm x 40mm).	45	1	
NRD10	High capacity dual hinge metal door. Dimensions: 82.8"H x 10.7"W x 1.6"D (2104mm x 272mm x 40mm).	45	1	_
NRD12	High capacity dual hinge metal door. Dimensions: 82.8"H x 12.7"W x 1.6"D (2104mm x 322mm x 40mm).	45	1	_
NRVCB	NetRunner™ High Capacity Center Mount Bracket Kit allows mounting to adjacent racks. 4 brackets per kit.	_	1	10
NREP	End panel for use with NRV series, WMPVHCF45E/WMPVHC45E. Includes two panel sections to cover 45 RU on one side.	_	1	_
WMPVSMK	NetRunner™ High Capacity Side Mount Hardware Kit for use with R4P 4 post rack series.	_	1	10
WMPV45ERTW	Rack top trough with waterfall creates pathway above rack, for use with SMR19X84 and WMPV45E/WMPVHC45E, NRV.	_	1	_
WR5E-X	Snap-on finger cable retainers.	_	10	100
PRSP5	Molded plastic slack spool, front or rear. Dimensions: 5.25"D x 1.3" dia. (133mm x 32mm)	_	10	100
SRB19BLY	Strain relief bar extends 2" off the rack; supports, manages, and provides proper bend radius protection.	1	1	_

Capacity Chart	Front Channel with Slack Spool					Front Channel with No Slack Spool					Rear Channel				
		Cable Capacity*				Cable Capacity*					Cable Capacity*				
Part Number	Channel Area (In²)	Cat6A- SD (0.240)	Cat6A	Cat6 (0.250)	Cat5e (0.225)	Channel Area (In²)	Cat6A- SD (0.240)	Cat6A	Cat6 (0.250)	Cat5e (0.225)	Channel Area (In²)	Cat6A- SD (0.240)	Cat6A	Cat6 (.250)	Cat5e (.225)
NRV6 (front/rear)	23.3	180	115	180	205	32.9	254	163	254	289	32.9	254	163	254	289
NRVF6 (front only)	23.3	180	115	180	205	32.9	254	163	254	289	_	_	_	_	_
NRV10 (front/rear)	42.8	331	212	331	377	52.4	406	260	406	461	52.4	406	260	461	461
NRVF10 (front/only)	42.8	331	212	331	377	52.4	406	260	406	461	_	_	_	_	_
NRV12 (front/rear)	54.6	422	270	422	481	64.2	497	318	497	565	64.2	497	318	565	565
NRVF12 (front only)	54.6	422	270	422	481	64.2	497	318	497	565	_	_	_	_	_

^{*}Capacities are based on a fill ratio of 35% to accommodate proper cable routing techniques. For 50% fill ratio, multiply by 1.5. All dimensions represent typical outer cable diameter in inches.