

Velocity® Cable Management for CPI Rack Systems

An economical cable management solution for CPI Rack Systems. Create vertical and horizontal pathways that store and organize premise cables and patch cords on two- and four-post Rack Systems.



ADVANTAGES

- ➔ **Increased Cable Capacity**
Single-sided vertical managers are deeper to provide more cable capacity
- ➔ **Compact Packaging**
Reduces waste, freight costs and uses less storage space.
- ➔ **Simplified Cable Management**
Optimize cable pathways using the integrated T-shaped cable guides and protect cables with snap-on covers
- ➔ **Tool-less Assembly**
Components snap together for quick and easy assembly

PATENTED

KEY FEATURES

- Quick and easy tool-less snap together design takes approximately 3 - 5 minutes to unpack, assemble and install
- Compact packaging is 25% - 57% smaller than comparable managers, easy to ship, requires less storage space, reduces waste and makes cartons easier to handle
- Larger cross-section on single-sided vertical managers provides up to 1/3 more cable management space
- Openings on the side of the manager align with each rack-mount unit
- T-shaped cable guides provide more space between fingers to organize cables by rack-mount unit
- Rounded edges on cable guides and openings protect cables as they enter and exit the manager
- Openings in the back of the manager allow easy front-to-rear cabling
- Snap-on covers secure and protect cables

SPECIFICATIONS

Description	Vertical and horizontal cable managers for open two- and four-post CPI Rack Systems For indoor use only, in environmentally controlled areas; may not be used outdoors, in harsh environments or in air-handling spaces
Single-Sided Cable Manager Includes:	Four vertical side sections with T-shaped cable guides (fingers) spaced 1U apart Four mid panels with attachment points for cable management accessories Two splice plates used to assemble the top and bottom side sections Two half-height covers that snap onto the T-shaped cable guides Eight M8 hex bolts, washers and hex flange nuts to secure cable managers to the rack
Double-Sided Cable Manager Includes:	Four vertical side sections with T-shaped cable guides (fingers) spaced 1U apart Four mid panels with attachment points for cable management accessories Two splice plates used to assemble the top and bottom side sections Four half-height covers that snap onto the T-shaped cable guides Eight M8 hex bolts, washers and hex flange nuts to secure cable managers to the rack
Horizontal Cable Manager Includes:	One 19"W EIA rack-mount cable manager with T-shaped cable guides (fingers) One cover that snaps onto the T-shaped cable guides Four #12-24 x 1" rack-mount screws and four M6 x 25 mm rack-mount screws
Construction:	Snaps together
Finish:	Black epoxy-polyester hybrid powder coat paint on steel parts; black plastic

Availability Statement

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Toll Free within Mexico
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chatsworth.com.co

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chatsworthproducts.co.uk

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chatsworth.ae

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CHATSWORTH
PRODUCTS

SPECIFICATIONS

Packaging:	Each vertical cable manager ships unassembled in a single carton Each horizontal cable manager ships fully assembled in a single carton
Sizes:	See ordering information at right
Cable Fill:	See cable fill table at www.chatsworth.com/cablefill
Material:	Vertical cable manager has steel mid panels and splice plates and plastic sides; covers on 3.6"W (91mm) and 6"W (152 mm) managers are plastic; covers on 10"W (254 mm) and 12" (305 mm) managers are steel with plastic hinges Horizontal cable manager is plastic
Finish:	

USE WITH

- Standard Rack 3"D (80 mm)
- QuadraRack™ Server Frame
- QuadraRack™ 4-Post Frame
- Adjustable QuadraRack™
- Adjustable ServerRack
- Adjustable Rail QuadraRack™
- Adjustable Rail ServerRack

RELATED PRODUCTS

- Cable Spool Kit
- Cable Lashing Bar Kit
- Cable Ring Kit
- Jumper Trays
- Patch Panel Wire Management Bar

Design

Velocity Cable Management includes single- and double-sided vertical cable managers available in four widths and three heights, and matching single-sided horizontal cable managers in three heights. The vertical cable managers ship unassembled in compact packaging to reduce shipping costs and storage space, providing easier staging and handling on the job site with less packaging to remove. No tools are required to assemble the cable manager. The components simply snap together and the manager bolts to the side of the rack with included hardware.

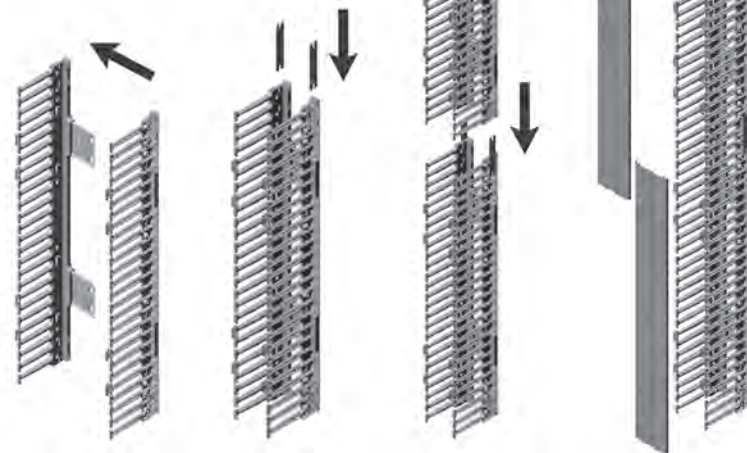
The vertical cable manager features a large cross section to maximize internal cable management space. To simplify cable management, T-shaped cable guides and openings on the sides of the manager align with each rack-mount unit and have rounded edges to protect cables from snags. Snap-on covers are included and swing open to the right or left to provide easy access and protect cables when closed. The manager has openings in the body which allow cables to pass easily front-to-rear. Add the accessory Cable Spool Kit to manage fiber, the Cable Lashing Bar Kit to secure large cable bundles or the Cable Ring Kit to create a rear pathway on the back of single-sided managers.

The horizontal cable manager ships fully assembled and also features T-shaped cable guides at the top and bottom of the manager to organize patch cords. Two cable openings in the rear of the manager allow front-to-rear cabling and the snap-on cover stays in the opened position to provide easy access to cables.

See inside for product details. Contact CPI Technical Support for configurations assistance.



Features quick and easy tool-less snap together design that takes approximately 3 - 5 minutes to unpack, assemble and install



Step 1:
Insert mid panel into plastic cable side section

Step 2:
Insert the two splice plates into the slots at the end of each side section

Step 3:
Slide the top side section onto the protruding ends of the splice plates until fully seated

Step 4:
Mount each cover by positioning over the hinges and pressing firmly to snap into place

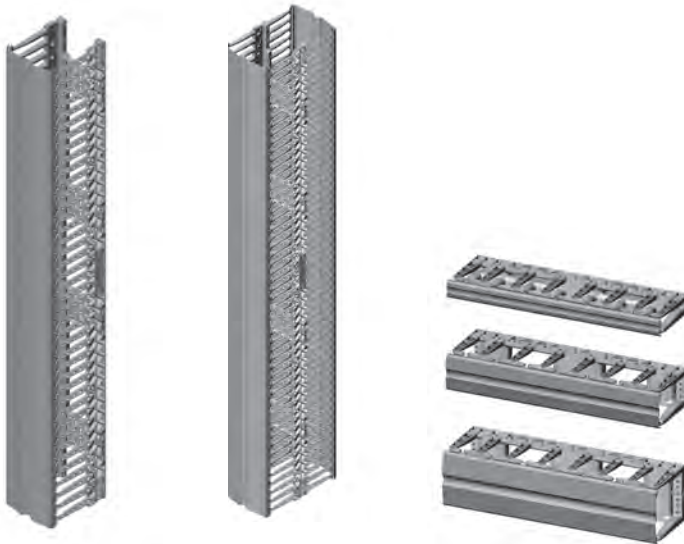
ORDERING INFORMATION

Part Number	Single-Sided Vertical Cable Managers H x W x D in (mm)	Shipping Weight lb (kg)
For 6'H (1.8 m), 38U Racks		
13901-701	70 x 3.6 x 9.7 (1778 x 91 x 246)	17 (7.7)
13902-701	70 x 6 x 9.8 (1778 x 152 x 249)	19 (8.2)
13904-701	70 x 10 x 10.3 (1778 x 254 x 262)	30 (13.6)
13905-701	70 x 12 x 10.4 (1778 x 305 x 264)	32 (14.5)
For 7'H (2.1 m), 45U Racks		
13901-703	80.5 x 3.6 x 9.7 (2045 x 91 x 246)	18 (8.2)
13902-703	80.5 x 6 x 9.8 (2045 x 152 x 249)	20 (9.1)
13904-703	80.5 x 10 x 10.3 (2045 x 254 x 262)	32 (14.5)
13905-703	80.5 x 12 x 10.4 (2045 x 305 x 264)	34 (15.4)
For 8'H (2.4 m), 51U Racks		
13901-715	91 x 3.6 x 9.7 (2311 x 91 x 246)	18 (8.2)
13902-715	91 x 6 x 9.8 (2311 x 152 x 249)	20 (9.1)
13904-715	91 x 10 x 10.3 (2311 x 254 x 262)	32 (14.5)
13905-715	91 x 12 x 10.4 (2311 x 305 x 264)	34 (15.4)

Notes: Color is Black. Velocity Single-Sided Vertical Cable Managers are 9.5 inches deep (241 mm) without doors. The overall depth listed in the order table varies due to the bevel on the door which differs slightly with width. Usable depth is 7.5 inches (191 mm). Usable width is 1.3 inches (33 mm) less than overall width.

Part Number	Double-Sided Vertical Cable Managers H x W x D in (mm)	Shipping Weight lb (kg)
For 6'H (1.8 m), 38U Racks		
13911-701	70 x 3.6 x 16.4 (1778 x 91 x 417)	23 (10.4)
13912-701	70 x 6 x 16.6 (1778 x 152 x 422)	26 (11.8)
13914-701	70 x 10 x 17.5 (1778 x 254 x 445)	37 (16.8)
13915-701	70 x 12 x 17.8 (1778 x 305 x 446)	40 (18.1)
For 7'H (2.1 m), 45U Racks		
13911-703	80.5 x 3.6 x 16.4 (2045 x 91 x 417)	25 (11.8)
13912-703	80.5 x 6 x 16.6 (2045 x 152 x 422)	28 (12.7)
13914-703	80.5 x 10 x 17.5 (2045 x 254 x 445)	40 (18.1)
13915-703	80.5 x 12 x 17.8 (2045 x 305 x 446)	43 (19.5)
For 8'H (2.4 m), 51U Racks		
13911-715	91 x 3.6 x 16.4 (2311 x 91 x 417)	27 (12.2)
13912-715	91 x 6 x 16.6 (2311 x 152 x 422)	30 (13.6)
13914-715	91 x 10 x 17.5 (2311 x 254 x 445)	44 (20.0)
13915-715	91 x 12 x 17.8 (2311 x 305 x 446)	47 (21.3)

Notes: Color is Black. Velocity Double-Sided Vertical Cable Managers are 16 inches deep (406 mm) without doors. The overall depth listed in the order table varies due to the bevel on the door which differs slightly with width. Usable depth in the front of the manager is 7.5 inches (191 mm). Usable depth at the rear of the manager is 5.5 inches (140 mm). Usable width is 1.3 inches (33 mm) less than overall width.



Single-Sided (13905-703)

Double-Sided (13915-703)

Single-Sided Horizontal Cable Managers		
Part Number	Description H x W x D in (mm)	Shipping Weight lb (kg)
13930-701	1U x 19 x 5.9 (150)	2 (0.9)
13930-702	2U x 19 x 5.9 (150)	3 (1.4)
13930-703	3U x 19 x 5.9 (150)	3 (1.4)

Notes: Color is Black. 1U = 1.75 inches (44.45 mm); the overall height of the manager is .03 inches (0.16 mm) less than the full rack-mount unit height. Usable depth is 3.7 inches (94 mm). The usable height of the manager varies but is 1.2 inches (31 mm) less than the overall height of the manager at the narrowest point.

ACCESSORIES

Cable Spool Kit

The Cable Spool Kit includes four small cable spools to provide slack management and strain relief for patch cords and jumper cables inside the Velocity Vertical Cable Managers.

- Use in 6"W (152 mm) or wider vertical cable managers; one kit per side
- Attaches to the mid panel with included hardware
- Spools are 2" (51 mm) in diameter and 6"L (152 mm)
- Made from aluminum; painted black
- Each kit includes four spools and mounting hardware



Cable Distribution Spools

Cable Distribution Spools provide slack management and strain relief for patch cords and jumper cables inside Velocity Vertical Cable Managers.

- Use in 10"W (254 mm) or 12"W (305 mm) vertical cable manager, (will not fit in other sizes)
- Attaches to the mid panel with included hardware
- Spools are 2.75" (69.9 mm) in diameter and 5.9"L (150 mm)
- Made from black plastic
- Each kit includes four spools and mounting hardware



Cable Distribution Spool Spacer Kit

Cable Distribution Spool Spacer Kit includes eight spacers that are used with the Cable Distribution Spools (P/N 15008-001) inside Velocity Vertical Cable Managers to offset the spool so that the front edge of the spool is close to the front edge of the cable management fingers.

- Use in 10"W (254 mm) or 12"W (305 mm) vertical cable managers; use on the front side of double-sided managers only
- Attaches to the mid panel with included hardware
- Spacers are 2.8" (71 mm) in diameter and 2.5"L (64 mm)
- Made from black plastic
- Each kit includes eight spacers and mounting hardware



Cable Lashing Bar Kit

The Cable Lashing Bar Kit provides tie points for cables inside Velocity Vertical Cable Managers.

- Use in 6"W (152 mm) or wider vertical cable managers; one kit per side
- Attaches to the rear/mid panel with included hardware
- Bars are .23" (5.7 mm) in diameter; two bars are 23.7"L (602 mm); four bars are 16.6"L (422 mm)
- Made from steel; zinc-plated, silver-colored
- Each kit includes six lashing bars and mounting hardware



Velocity Cable Management for Rack Systems		
Part Number	Description H x W ft (m) x in (mm)	Shipping Weight lb (kg)
13935-701	Cable Spool Kit, Black, Pack of 4	2 (0.9)
15008-001	Distribution Spools, Black, Pack of 4	2 (0.9)
35505-001	Distribution Spool Spacer Kit, Black	1 (0.5)
13928-001	Cable Lashing Bar Kit, Zinc Plated, Silver	2 (0.9)
13934-716	Cable Ring Kit, For 3.6"W (91 mm) x 6"H (1.8 m) Managers	8 (3.6)
13934-717	Cable Ring Kit, For 3.6"W (91 mm) x 7"H (2.1 m) Managers	9 (4.1)
13924-718	Cable Ring Kit, For 3.6"W (91 mm) x 8"H (2.4 m) Managers	11 (5.0)
13934-726	Cable Ring Kit, For 6"W (152 mm) x 6"H (1.8 m) Managers	9 (4.1)
13934-727	Cable Ring Kit, For 6"W (152 mm) x 7"H (2.1 m) Managers	11 (5.0)
13934-728	Cable Ring Kit, For 6"W (152 mm) x 8"H (2.4 m) Managers	12 (5.4)
13934-746	Cable Ring Kit, For 10"W (254 mm) x 6"H (1.8 m) Managers	12 (5.4)
13934-747	Cable Ring Kit, For 10"W (254 mm) x 7"H (2.1 m) Managers	14 (6.4)
13934-748	Cable Ring Kit, For 10"W (254 mm) x 8"H (2.4 m) Managers	15 (6.8)
13934-756	Cable Ring Kit, For 12"W (305 mm) x 6"H (1.8 m) Managers	14 (6.4)
13934-757	Cable Ring Kit, For 12"W (305 mm) x 7"H (2.1 m) Managers	16 (7.3)
13934-758	Cable Ring Kit, For 12"W (305 mm) x 8"H (2.4 m) Managers	18 (8.2)

Cable Ring Kit

The Cable Ring Kit creates a separate cable pathway on the back of a Velocity Single-Sided Vertical Cable Manager for premise cables.

- Match the kit to the width and height of the vertical cable managers; one kit per manager
- Attaches to the sides with included hardware
- Rings are C-shaped, 3.0"H x 7.7"D (76 mm x 196 mm), with a plastic latch that spins open to provide access to cables
- Cable opening on 3.6"W (91 mm) rings is 1.4"W (36 mm); cable opening on other rings is 3.8"W (97 mm)
- Rings are made from aluminum and painted black; latch is black plastic
- Each kit includes multiple rings and mounting hardware. The (-7X6) kits include six rings, the (-7X7) kits include seven rings, the (-7X8) kits include eight rings
- Color is black.



Scan or click here to visit our CPI Online Catalog.

For product CSI Specs visit the Support & Downloads page on www.chatsworth.com.