

CM10B INSTALLATION INSTRUCTIONS

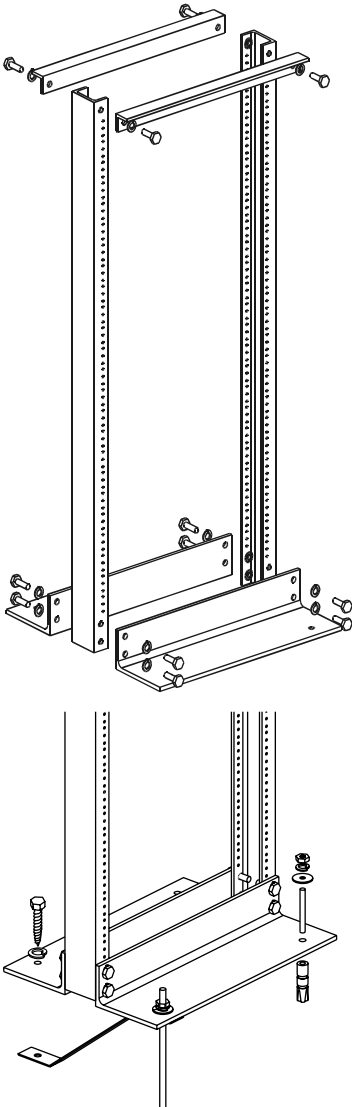
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1. PART NUMBERS

VERTICAL CABLE MANAGEMENT		Brackets	Racks
Front/Back	Front Only		
WMPV20	WMPVF20	CMVDRC	CMR19X47
WMPV45	WMPVHCF45	CMVDR1	CMR19X84
WMPV50	WMPVFMHC45*	CMVDR2	CMR23X84
WMPVHC45	WMPVFM45*	CMVDR2S	CMR19X26
WMPV3X5	WMPVF45	WMSRC2	
WMPV6x8	WMPVF3X5	WMSRC1	
	WMPVF6X8	WMPVCB	
	WMPVFM6X8*		

* Mounts to **front** of rack



2. RACK INSTALLATION

2.1 ASSEMBLE RACK

- 2.1.1 Install top angle to upright channels. Finger tighten only.
- 2.1.2 Install the base angles to the vertical upright channels. Finger tighten only.
- 2.1.3 Stand rack upright. Square the upright channels with the base using a carpenter square. Completely tighten all bolts.

See the diagram below for dimensions needed to locate the rack and the vertical cable management.

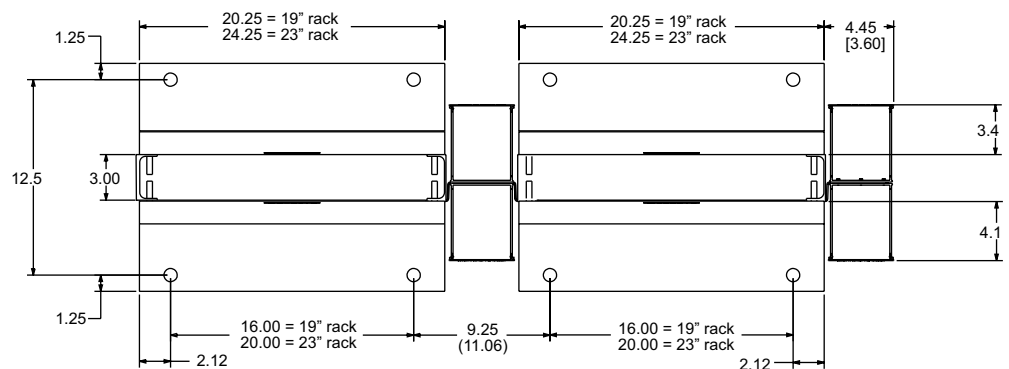
2.2 MOUNT RACK TO FLOOR

- 2.2.1 Securely mount the rack to the floor using the appropriate hardware based on the floor construction (concrete, raised floor, or wood).

LOCATION GUIDE

Dimensions in () parenthesis are for 6" Vertical Cable Management

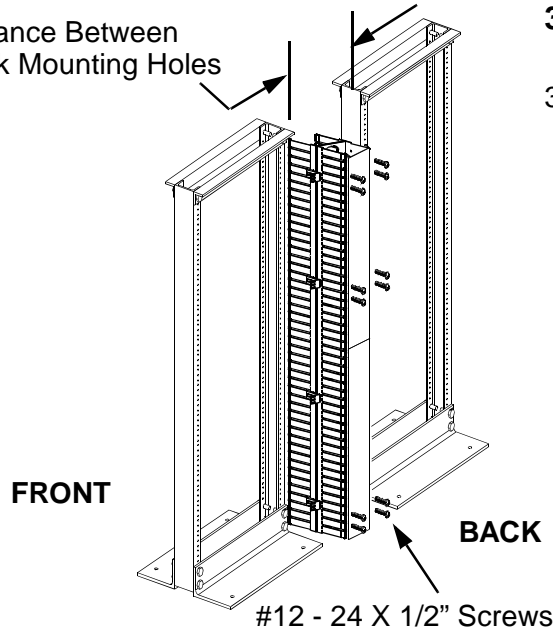
Dimensions in [] brackets are for 3" Vertical Cable Management



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3. VERTICAL CABLE MANAGEMENT INSTALLATION

Distance Between
Rack Mounting Holes



3.1 ATTACH CENTER MOUNTED VERTICAL CABLE MANAGEMENT PANEL

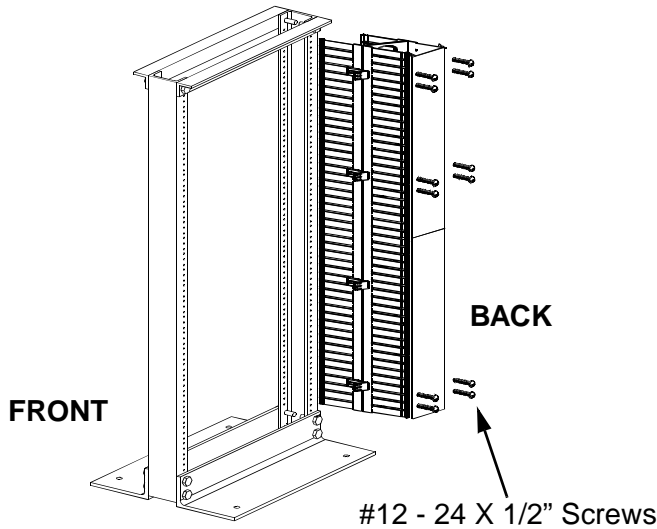
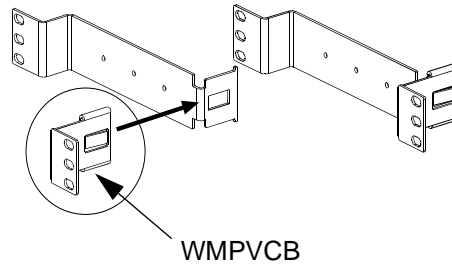
3.1.1 Mount the racks to the floor (with the appropriate space indicated in the chart below) using #12 - 24 x 1/2" screws (supplied with the

vertical panels) to fasten the vertical management between the racks. Panels fasten to the **back** of the vertical channel uprights.

PART NUMBER	SPACE
WMPV20 WMPVF20 WMPV45 WMPVF45	7.00"
WMPVHC45 WMPVHCF45 WMPV6X8 WMPVF6X8	8.75"

Center Bracket Assembly

For use with 4" x 5", 6" x 6" and 6" x 8" vertical panels



3.2 ATTACH SIDE MOUNTED VERTICAL CABLE MANAGEMENT PANEL

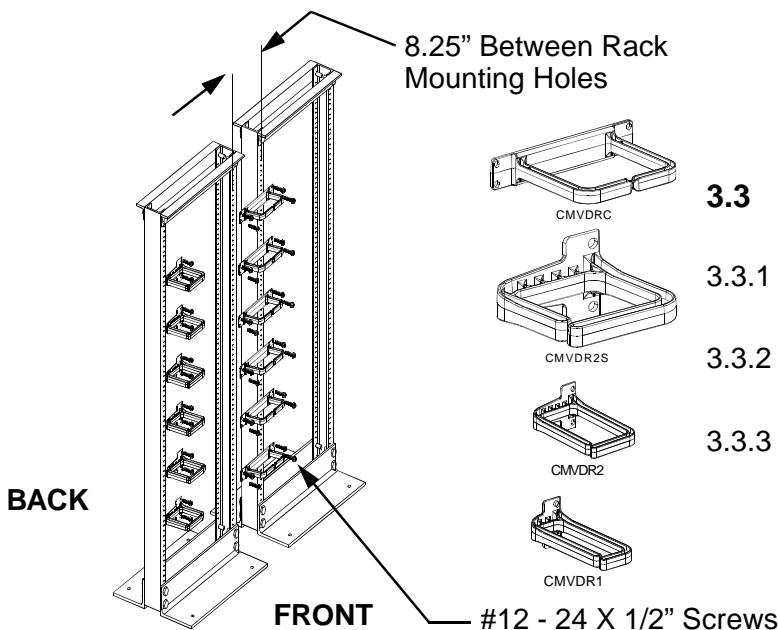
3.2.1 Use #12 - 24 x 1/2" screws (supplied with the vertical panels) to fasten the vertical management between the racks. Panels fasten to the **back** of the vertical channel uprights. (Except part numbers WMPVFMHC45 and WMPVFM45)

3.3 OPTION 2: USING THE CABLE MANAGEMENT BRACKETS

3.3.1 Mount the racks to the floor with 8.25" between the mounting holes.

3.3.2 Use two (4) #12 - 24 x 1/2" screws to fasten the CMVDRC brackets between the racks.

3.3.3 Use two (2) 12-24 x 1/2" screws to fasten the CMVDR1, CMVDR2, or CMVDR2S brackets to the sides of the racks on either the front or the back.



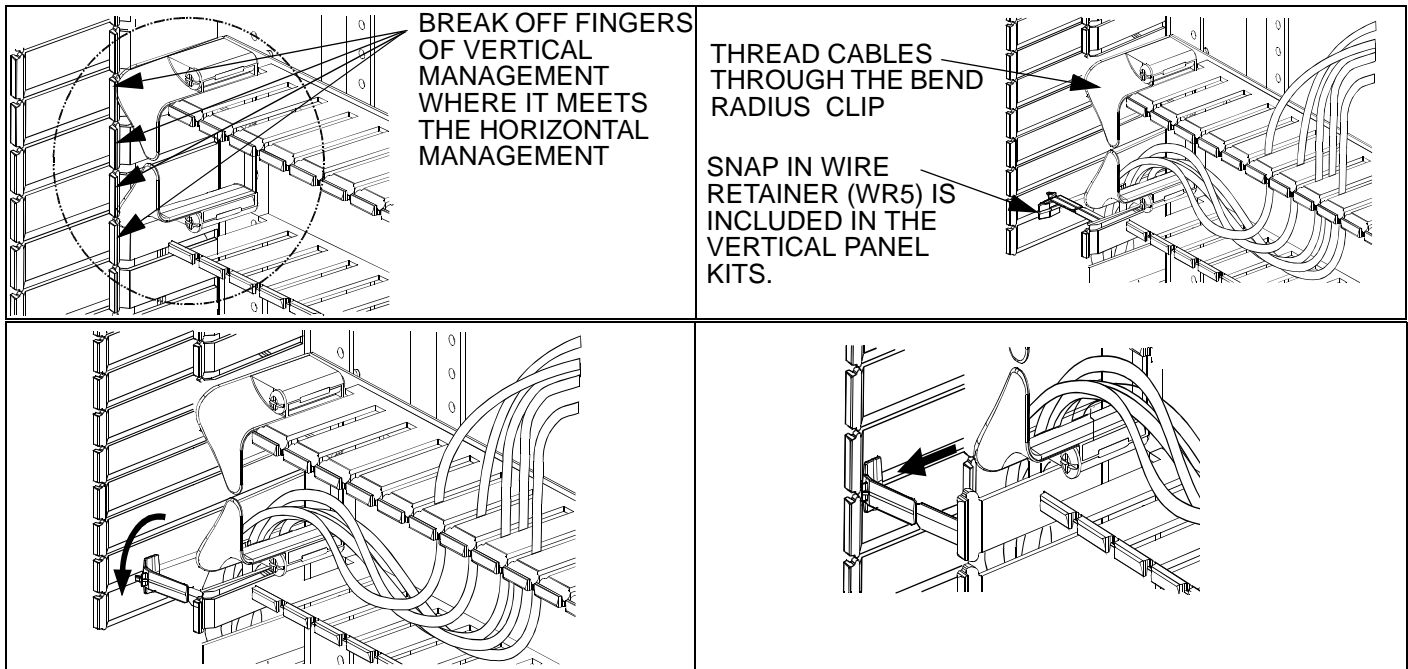
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4. VERTICAL CABLE MANAGEMENT INSTALLATION

CABLE CAPACITY CHART

Description	Part Number	UTP Cable .187" dia.		ScTp or CAT 6 Cable .25" dia.		Fiber-optic Cable 3 mm	
		Front	Back	Front	Back	Front	Back
4.85 x 1.23 D-ring	CMVDR1	72	-	42	-	184	-
4.85 x 2.40 D-ring	CMVDR2	144	-	80	-	360	-
4.72 X 5.09 D-ring	CMVDRC	294	-	165	-	744	-
2.40 x 2.40 D-ring	CMVDR2S	72	-	42	-	180	-
6 x 6 Duct	WMPVHCFM45	440	-	248	-	1110	-
4 x 5 Duct	WMPVFM45	240	-	135	-	624	-
6 x 8 Duct	WMPVFM6X8	588	-	330	-	1480	-
6 x 6 Duct	WMPVHC45	440	440	248	248	1110	1110
6 x 6 Duct	WMPVHCF45	440	-	248	-	1110	-
6 x 8 Duct	WMPV6X8	588	588	330	330	1480	1480
6 x 8 Duct	WMPVF6X8	588	-	330	-	1480	-
4 x 5 Duct	WMPV20	240	240	135	135	624	624
4 x 5 Duct	WMPV45, 50	240	240	135	135	624	624
4 x 5 Duct	WMPVF20	240	-	135	-	624	-
4 x 5 Duct	WMPVF45	240	-	135	-	624	-
3 x 5 Duct	WMPV3X5	180	180	96	96	456	456
3 x 5 Duct	WMPVF3X5	180	-	96	-	456	-

NOTE: This information is only to be used as a guide in selecting the proper size duct. The maximum amounts may vary according to type of wire, straightness of wires, breakouts, etc.



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NETWORK CONNECTIVITY GROUP

412 Rockwell Court
Burr Ridge, Illinois 60521

Technical Support: 866-405-6654
Fax: 708-444-6993

E-mail: netconnsupport@panduit.com
Web site: www.panduit.com/ncg



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412 Rockwell Court Burr Ridge, Illinois 60521
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E-mail: info@panduit.com Web site: www.panduit.com/ng

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