



**Middle Atlantic Products**

EXCEPTIONAL SUPPORT & PROTECTION™

# HCM Series Horizontal Cable Management



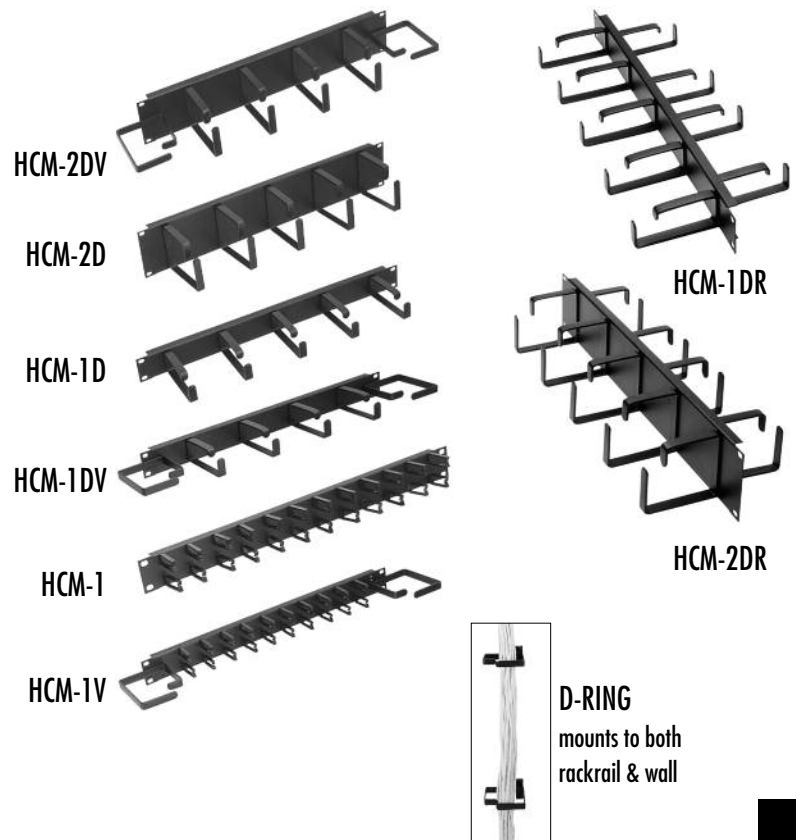
EIA/TIA Compliant

Organize patch cords and maintain the required bend radius with a variety of rackmount cable managers

## Features

- Variety of sizes and styles to suit any application
- D-RING cable manager can mount to both rackrail or a wall
- Accommodate up to 240 CAT5e cables using the recommended 50% fill rate, depending on model
- Durable flat black powder coat finish

\* For more cable management solutions, see the Middle Atlantic Products Master Catalog or visit [middleatlantic.com](http://middleatlantic.com)



## Architects' and Engineers' Specifications

### HCM Horizontal 19" Cable Managers

EIA/TIA compliant rackmount cable manager shall be Middle Atlantic Products model # HCM-\_\_. Horizontal cable manager shall use \_\_ cable rings (refer to chart). Cable rings shall be filled using a recommended 50% fill rate, accommodating up to \_\_ CAT5e cables (refer to chart). Horizontal cable manager shall be constructed with 16-gauge steel panel and finished in a durable flat black powder coat. Horizontal cable managers shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. Horizontal cable managers shall be RoHS EU Directive 2002/95/EC compliant. Horizontal cable managers shall be manufactured by an ISO 9001 and ISO 14001 registered company. Horizontal cable managers shall be warranted to be free from defects in material or workmanship under normal use and conditions for the lifetime of the product.

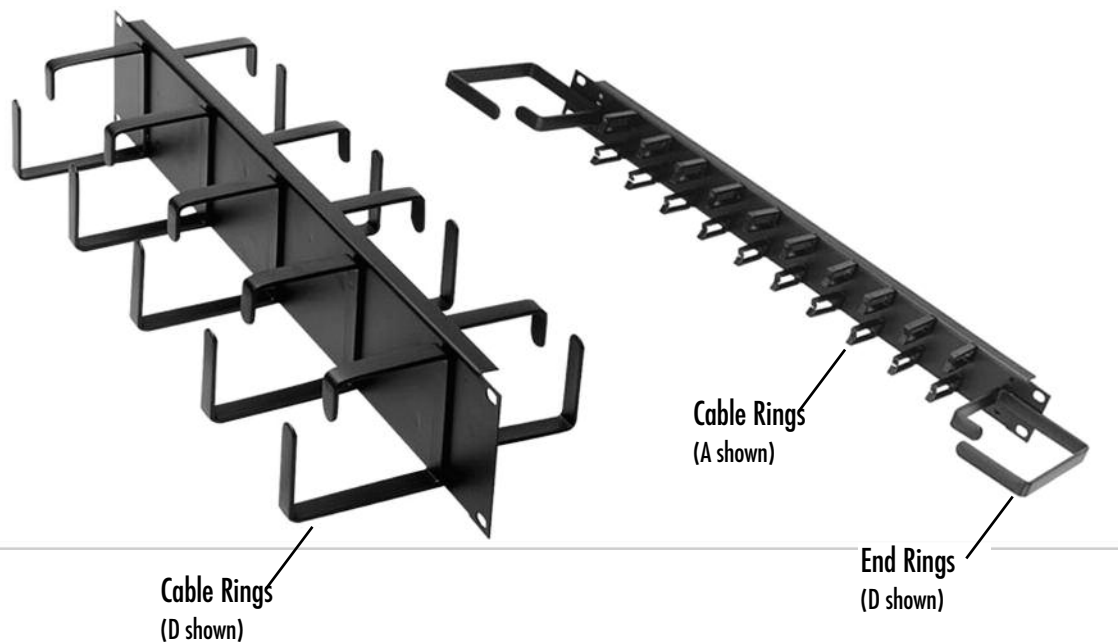
### D-RING Cable Management Ring

Wall mount and rackrail mount cable management ring shall be Middle Atlantic Products model # D-RING. D-RING shall provide an interior dimension of 7.5 square inches. D-RING shall be filled using a recommended 50% fill rate, accommodating up to 120 CAT5e cables. D-RING shall be constructed of 11-gauge steel and finished in a durable flat black powder coat. D-RING shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. D-RING shall be RoHS EU Directive 2002/95/EC compliant. D-RING shall be manufactured by an ISO 9001 and ISO 14001 registered company. D-RING shall be warranted to be free from defects in material or workmanship under normal use and conditions for the lifetime of the product.

**CUSTOMIZABLE SPECIFICATION CLIPS AVAILABLE AT [MIDDLEATLANTIC.COM](http://MIDDLEATLANTIC.COM)**

HCM-2DR

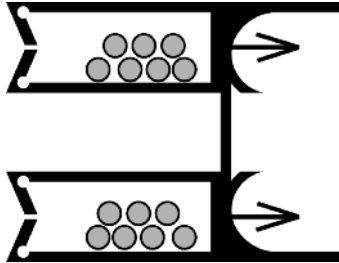
HCM-1V



Part #	Description	Panel Width	Cable Rings* (see reference guide)	End Rings* (see reference guide)
HCM-1	1-3/4" (1 sp.) "micro-clip" style	19"	A	-
HCM-1V	1-3/4" (1 sp.) "micro-clip" style w/ end rings	19"	A	D
HCM-1D	1-3/4" (1 sp.) D-RING style	19"	B	-
HCM-1DV	1-3/4" (1 sp.) D-RING style w/ end rings	19"	B	D
HCM-2D	3-1/2" (2 sp.) D-RING style	19"	D	-
HCM-2DV	3-1/2" (2 sp.) D-RING style w/ end rings	19"	D	D
HCM-1DR	1-3/4" (1 sp.) D-RING style, front and rear	19"	C	-
HCM-2DR	3-1/2" (2 sp.) D-RING style, front and rear	19"	E	-
D-RING	wall mount / rackmount D-RING	-	D	-

**\* Cable Capacity Reference Guide**

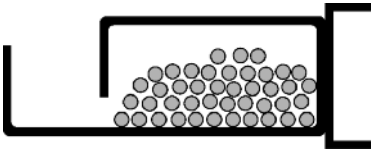
**A**



Cabling area: 0.90 in<sup>2</sup>

# of typical CAT5e cables at recommended 50% fill rate: 14

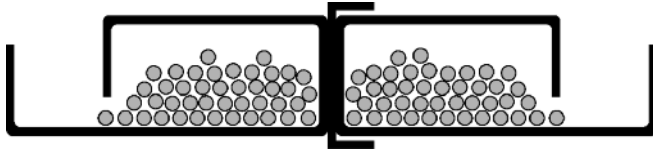
**B**



Cabling area: 3.125 in<sup>2</sup>

# of typical CAT5e cables at recommended 50% fill rate: 50

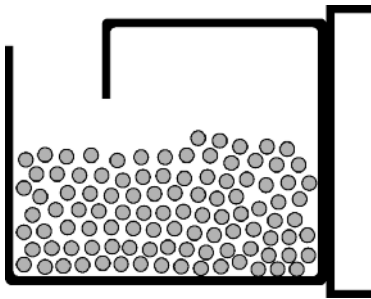
**C**



Cabling area: 6.25 in<sup>2</sup>

# of typical CAT5e cables at recommended 50% fill rate: 100

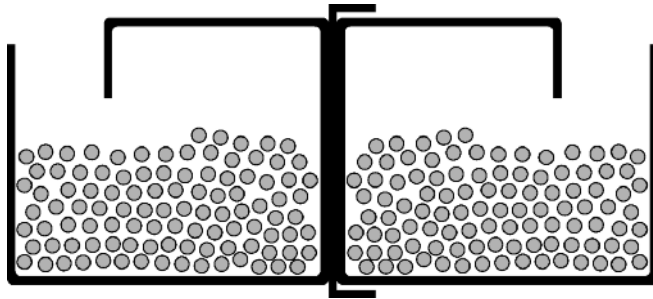
**D**



Cabling area: 7.5 in<sup>2</sup>

# of typical CAT5e cables at recommended 50% fill rate: 120

**E**



Cabling area: 15 in<sup>2</sup>

# of typical CAT5e cables at recommended 50% fill rate: 240

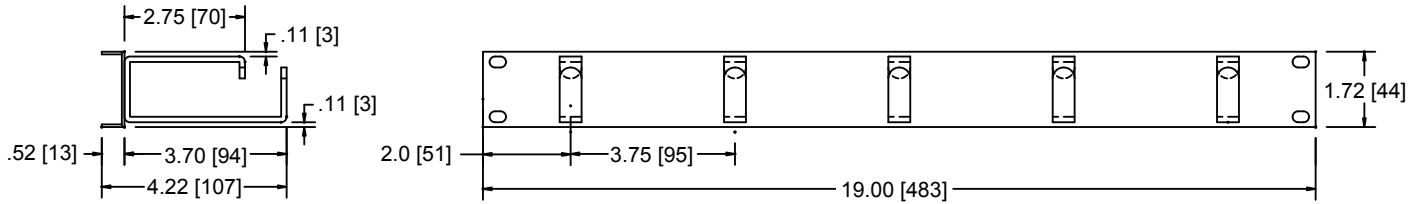
# HCM basic dimensions



## HCM-1D

SIDE VIEW

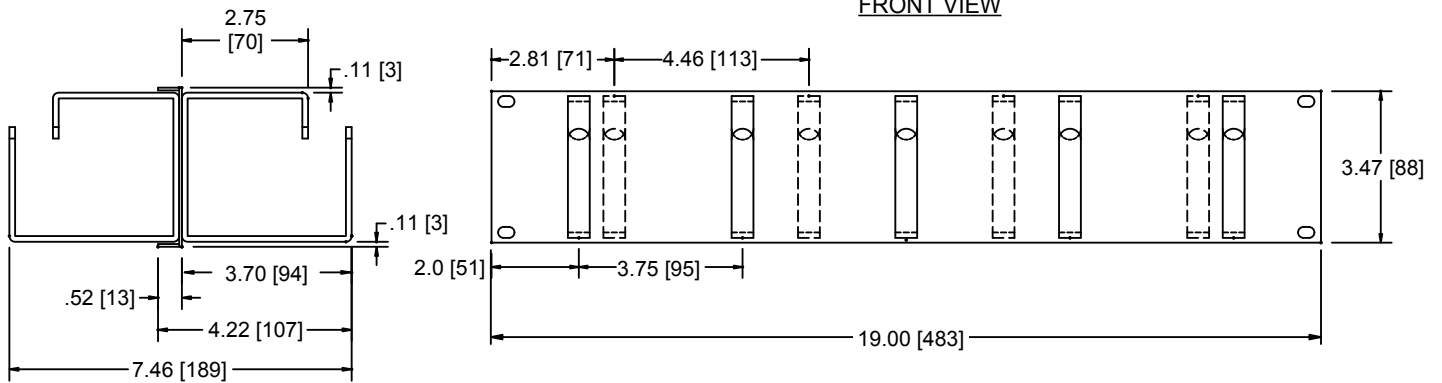
FRONT VIEW



## HCM-2DR

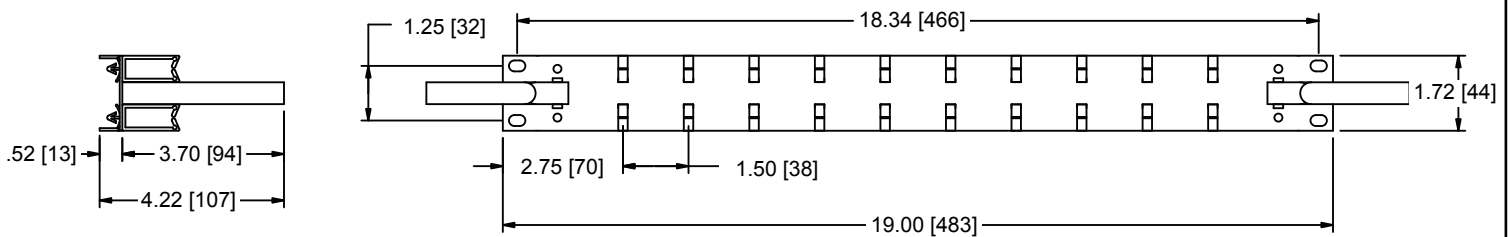
SIDE VIEW

FRONT VIEW



## HCM-1V

FRONT VIEW



All dimensions in inches unless otherwise noted [All dimensions in brackets are in millimeters]