

# Vertical Cable Management D-Rings

## specifications

A vertical cable management solution of flexible D-rings shall be used on standard communication racks. The vertical D-rings used for open access shall be manufactured from a polycarbonate material and shall be black in color. The vertical cable management D-rings shall be a one-piece design. The front arm of the product shall be able to rotate ninety degrees to allow entire cable bundles to be inserted. The vertical cable management solution of flexible D-rings shall be installed with two screws less than 0.25" diameter.



## technical information

### Dimensions:

| Part Number | Height<br>In. (mm) | Width<br>In. (mm) | Depth<br>In. (mm) |
|-------------|--------------------|-------------------|-------------------|
| CMVDR1      | 2.38 (60.5)        | 2.05 (52.1)       | 5.72 (145.2)      |
| CMVDR1S     | 2.38 (60.5)        | 2.05 (52.1)       | 3.26 (82.8)       |
| CMVDR2      | 2.38 (60.5)        | 3.30 (83.8)       | 5.72 (145.2)      |
| CMVDR2S     | 2.38 (60.5)        | 3.30 (83.8)       | 3.26 (82.8)       |
| CMVDRC      | 1.75 (44.5)        | 8.75 (222.3)      | 5.66 (143.8)      |

### Capacity:

| Part Number | Channel<br>Area (in <sup>2</sup> ) | Cat. 6A<br>(28AWG –<br>0.185") | Cat. 6A<br>(24AWG –<br>0.275") | Cat. 6<br>(28AWG –<br>0.150") | Cat. 6<br>(24AWG –<br>0.235") |
|-------------|------------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|
| CMVDR1      | 7.1                                | 105                            | 47                             | 160                           | 65                            |
| CMVDR1S     | 3.5                                | 52                             | 23                             | 80                            | 32                            |
| CMVDR2      | 14.5                               | 215                            | 97                             | 328                           | 133                           |
| CMVDR2S     | 7.1                                | 105                            | 47                             | 160                           | 65                            |
| CMVDRC      | 30.1                               | 447                            | 202                            | 680                           | 277                           |

### Packaging:

Packaged one per bag

### Standards:

Meets all EIA requirements as defined in EIA-310D; manufactured from a material that meets UL94-V0 specifications

## key features and benefits

|                           |   |
|---------------------------|---|
| <b>EIA mounting holes</b> | Capable of being applied to any standard EIA rack system                |
| <b>Flexible arm</b>       | Provides open access that allows installation of complete cable bundles |
| <b>Rounded edges</b>      | Prevents sharp edges in contact with cable insulation                   |
| <b>1/4" screw holes</b>   | Utilize a wide variety of screws to secure product to wall or rack      |

## applications

Panduit Vertical Cable Management D-rings are designed to contain cables in a vertical pathway. The cable management D-rings are a labor-saving solution that provides the installer the ability to insert complete cable bundles.

Use these vertical D-rings in conjunction with horizontal D-rings for a complete open access solution on rack systems. Products may also be mounted onto a wall or other flat surfaces with a variety of screws.

### Vertical D-rings

|                  |         |
|------------------|---------|
| <b>1":</b>       | CMVDR1  |
| <b>1" short:</b> | CMVDR1S |
| <b>2":</b>       | CMVDR2  |
| <b>2" short:</b> | CMVDR2S |
| <b>Center:</b>   | CMVDRC  |

### Racks

|                  |      |
|------------------|------|
| <b>19" rack:</b> | R2P  |
| <b>23" rack:</b> | R2PW |

### Horizontal D-ring Systems

|                            |        |
|----------------------------|--------|
| <b>2RU front and rear:</b> | CMPH2  |
| <b>2RU front:</b>          | CMPHF2 |
| <b>1RU front and rear:</b> | CMPH1  |
| <b>1RU front:</b>          | CMPHF1 |

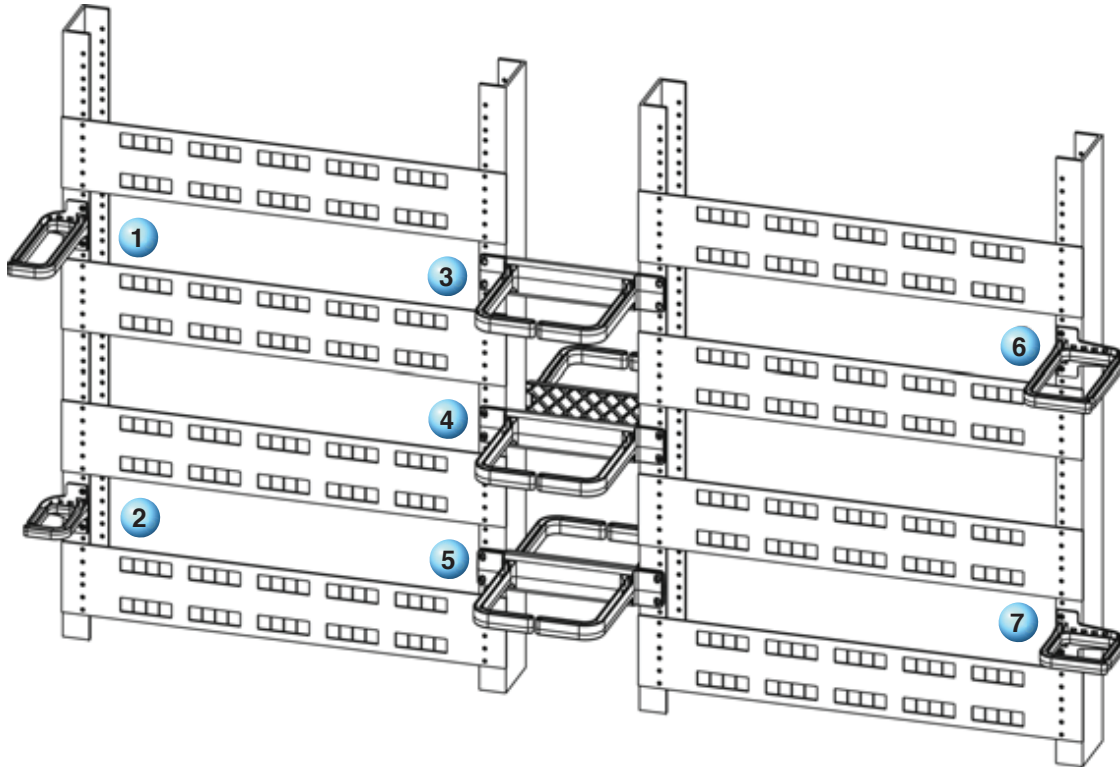
### Accessories

|  |                |
|--|----------------|
| <b>12-24 mounting screws:</b>  | S1224-C        |
| <b>Flat post standoff:</b>   | PPF2S-S25-V    |
| <b>Flat post standoff flame retardant:</b>                               | PPF2S-S25-V69  |
| <b>Flat post standoff Tak-Ty® Cable Ties compatible:</b>                 | PPF2SV-S25-V   |
| <b>Flat post standoff Tak-Ty® Cable Ties compatible flame retardant:</b> | PPF2SV-S25-V69 |
| <b>Bend radius clip:</b>   | CMSRC2         |
| <b>1RU strain relief clip:</b>   | WMSRC1         |
| <b>2RU strain relief clip:</b>   | WMSRC2         |
| <b>Bundle retainer:</b>  | BR2-1.3        |
| <b>Adhesive bundle retainer:</b>   | BR2-1.3-A      |

Installer Tip:  
CMVDRC requires 8.25" center to center hole spacing for adjacent racks.

# Vertical Cable Management D-Rings

## mounting configurations



- 1 CMVDR1
- 2 CMVDR1S
- 3 CMVDRC mounted to front of rack
- 4 CMVDRC mounted to front of rack and CMVDRC mounted to back of rack
- 5 Two CMVDRC parts mounted to front of rack; one opens toward the back
- 6 CMVDR2
- 7 CMVDR2S

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