

# 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 in. diameter.



## TECHNICAL INFORMATION

| Attributes: | Part Number                                                                                                       | Height in. (mm) | Width in. (mm)                  | Depth in. (mm)           |                          |                         |
|-------------|-------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------|--------------------------|--------------------------|-------------------------|
|             | CMVDR1                                                                                                            | 2.38 (60.5)     | 2.05 (52.1)                     | 5.72 (145.2)             |                          |                         |
|             | CMVDR1S                                                                                                           |                 |                                 | 3.26 (82.8)              |                          |                         |
|             | CMVDR2                                                                                                            |                 | 3.30 (83.8)                     | 5.72 (145.2)             |                          |                         |
|             | CMVDR2S                                                                                                           |                 |                                 | 3.26 (82.8)              |                          |                         |
|             | CMVDRC                                                                                                            |                 | 1.75 (44.5)                     | 8.75 (222.3)             | 5.66 (143.8)             |                         |
|             | Capacity:                                                                                                         | Part Number     | Channel Area (in <sup>2</sup> ) | Cat. 6A (28AWG - 0.185") | Cat. 6A (24AWG - 0.275") | Cat. 6 (28AWG - 0.150") |
| 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

|           |         |
|-----------|---------|
| 1":       | CMVDR1  |
| 1" short: | CMVDR1S |
| 2":       | CMVDR2  |
| 2" short: | CMVDR2S |
| Center:   | CMVDRC  |

### Racks

|           |      |
|-----------|------|
| 19" rack: | R2P  |
| 23" rack: | R2PW |

### Horizontal D-ring Systems

|                      |        |
|----------------------|--------|
| 2 RU front and rear: | CMPH2  |
| 2 RU front:          | CMPHF2 |
| 1 RU front and rear: | CMPH1  |
| 1 RU front:          | CMPHF1 |

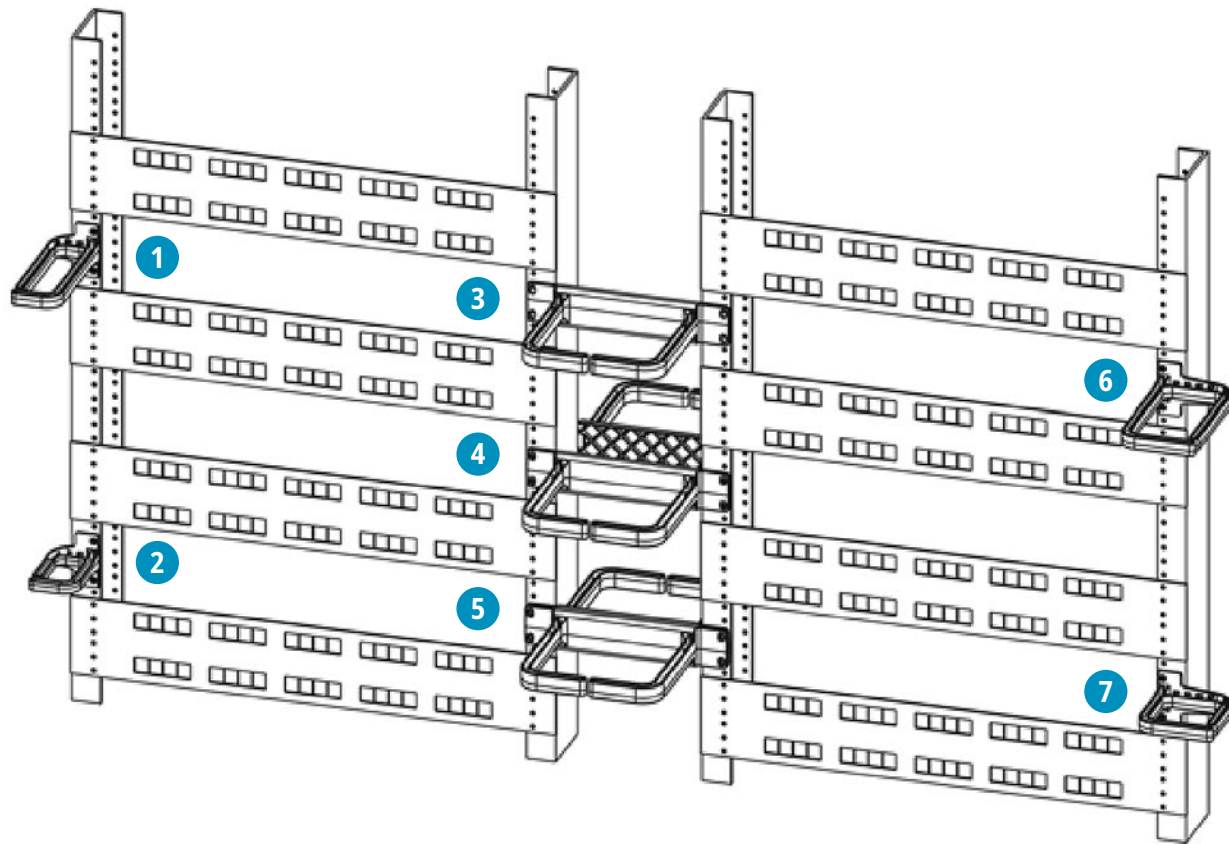
### Accessories

|                                                                  |                |
|------------------------------------------------------------------|----------------|
| 12-24 mounting screws:                                           | S1224-C        |
| Flat post standoff flame retardant:                              | PPF2S-S25-V69  |
| Flat post standoff Tak-Ty <sup>®</sup> cable ties compatible:    | PPF2SV-S25-V   |
| Flat post standoff Tak-Ty cable ties compatible flame retardant: | PPF2SV-S25-V69 |
| Bundle retainer:                                                 | BR2-1.3        |
| Adhesive bundle retainer:                                        | BR2-1.3-A      |

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

# Vertical Cable Management D-Rings

## ENGINEERING DRAWINGS



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