High Density Network Rack (HDNR) system
Maximizing data center flexibility, density, and reliability
HDNR System Overview

Three reasons why you need the high density network rack (HDNR) system

Eaton’s B-Line series High Density Network Rack (HDNR) system offers innovative open-frame rack solutions with a full line of rack, cable management, power, and airflow accessories. Leveraging Eaton’s patented 4Dimension™ strut, the HDNR is able to provide adjustable in-rack cable management, equipment mounting rails, and airflow accessories to deliver industry-leading flexibility, density, and reliable mounting of critical network equipment.

Best-in-class flexibility

- Integrated with Eaton’s 4Dimension strut providing flexible rack and cable management features including:
  - Rear rail adjustment
  - Adjustable overhead drop-outs
  - Adjustable runway mounting brackets
  - Adjustable cable strap brackets
  - Side panels and air baffle mounting
- Wide range of ePDU mounting configurations
- Adjustable high-capacity rack waterfalls
- Compatible with the full-line of RCM+ cable management and rack accessories

Maximum density

- Up to 10% increase in total cable capacity vs. leading competitor high density rack systems
- High capacity vertical cable managers support the most advanced cabling applications
- Tool-less, in rack ePDU mounting provides greater access to critical power systems
- Low profile air baffles accommodate efficient management of side breathing network switches while minimizing total rack footprint

Greater reliability

- Supports up to 2,200 lbs. tested static load rating
- Self-bonding grounding throughout the rack
- ePDU mounting solutions which allow installation of network equipment without removing power
- UL and OSHPD OPM verified
- Reinforced anchor plates for greater seismic rating
- Airflow management compatible with Cisco Catalyst® and Nexus Series® network equipment
- Sturdy and secure high capacity cable managers provide maximum support for network cabling

®† Mark shown is property of respective owner.
HDNR System Overview

Four Post Adjustable Rack System  
Cable Management Rack System

---

**HDNR Smart Part Numbering System**

<table>
<thead>
<tr>
<th>Series</th>
<th>Product</th>
<th>Height</th>
<th>Width</th>
<th>Rack Depth</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD</td>
<td>2T</td>
<td>7</td>
<td>6</td>
<td>A</td>
<td>FB</td>
</tr>
<tr>
<td></td>
<td>4T</td>
<td>8</td>
<td>10</td>
<td>B</td>
<td>EW</td>
</tr>
<tr>
<td></td>
<td>4S</td>
<td>12</td>
<td>12</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AB</td>
<td>15</td>
<td>15</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CMB</td>
<td></td>
<td></td>
<td>E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CSK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DO</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PDU</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RSK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>VS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**
- **HD** = High Density Network Rack (HDNR)
- **2T** = Cable Management Rack, Tapped Holes
- **4T** = Four Post Adjustable Rack, Tapped Holes
- **4S** = Four Post Adjustable Rack, Square Holes
- **AB** = Air Baffles
- **CMB** = Cable Manager Bracket
- **CSK** = Cable Strap Mounting Kit
- **DO** = Drop-outs
- **PDU** = ePDU Mounting Bracket
- **RSK** = Runway Stand-off Kit
- **SP** = Side Panels
- **VS** = High Capacity Vertical Manager

These fields are not always required.
HDNR System Overview
High Density Network Rack (HDNR) Product Portfolio

Four Post Adjustable Rack (Tapped & square holed rails)
Cable Management Rack
High Capacity Vertical Cable Manager

Side Panel
Air Baffle
ePDU Mounting Bracket

Cable Strap Mounting Kit
Cable Management Bracket
Runway Standoff Kit

Overhead Drop-Outs
HDNR System Overview
Compatible Eaton Rack Accessories

**RCM+ Cable Management**

- RCM+ Vertical Cable Manager
- RCM+ Vertical Cable Managers Plastic Gate
- RCM+ Extended Horizontal Cable Manager

**Rack Accessories**

- RCM+ Telescopic Cable Spools
- Eaton Blanking Panels
- Fixed ePDU Mounting Brackets
- Rack Grounding Bar
- Eaton VELCRO®† Cable Straps
- Adjustable ePDU Mounting Brackets

† Mark shown is property of respective owner.
HDNR System

HDNR Four Post Adjustable Rack System Overview

A  Four Post Adjustable Rack
- Part No: HD4S7DFB (see page 10)
- Adjustable rack system for large network equipment
- Supports in-rack low-profile ePDU mounting
- Square and tapped mounting hole options
- Supports HDNR and RCM+ cable management

B  Side Panel
- Part No: HD2T7DFB (see page 14)
- Stylistic, split design can seal end-of-row applications
- Compatible with HDNR air baffles

C  Runway Stand-off Kit (not shown)
- Part No: HDRSK4FB (see page 17)
- Fully adjustable brackets connect to top of rack
- Customizable for most overhead cabling applications

D  High Capacity Vertical Manager
- Part No: HDVS710FB (see page 13)
- Flanged design for increased cable capacity
- Sleek, easy operable doors
- High capacity ‘clean-break’ fingers

E  Air Baffle
- Part No: HDAB7DFB (see page 14)
- Low-profile, half-height design
- Compliant with Cisco network equipment standards for side-to-side airflow

F  Overhead Drop-outs
- Part No: HDD0DFB (see page 17)
- Adjustable cable supports integrated with patented 4Dimension™ dove-tail design for greater flexibility

G  ePDU Mounting Brackets
- Part No: HDPDUFB (see page 16)
- Supports up to two full and four half-height ePDUs
- Minimizes rack footprint with reliable access to ePDUs

H  Cable Strap Mounting Kit
- Part No: HDCSMFB (see page 18)
- Manages cable bundles throughout the rack
- Compatible with 4Dimension strut

I  Cable Management Bracket
- Part No: HDCMBFB (see page 18)
- Connects HDNR and RCM+ vertical managers for double-sided cable management

J  RCM+ High Density Vertical Cable Manager
- Part No: SB86086S084FB (see RCM+ catalog)
- Neatly manages bulk cabling when used on the back side of an HDNR high capacity vertical cable manager
- High and low density versions compatible

K  RCM+ Extended Horizontal Cable Manager
- Part No: SB87019SX2FB (see RCM+ catalog)
- Offers maximum rack cable capacity when used with HDNR and RCM+ high density vertical cable managers

L  RCM+ Telescopic Cable Spool (not shown)
- Part No: SB8860ACSFB (see RCM+ catalog)
- Manages bend radius for cable bundles
- Compatible with HDNR and RCM+ vertical cable managers

† Mark shown is property of respective owner.
Flexible cabling solutions to enhance rack organization

- High capacity vertical cable managers compatible with RCM+ extended horizontal cable managers
- Adjustable overhead drop-outs to manage network and power cable bundles
- Integrated cable strap mounting for wide range of network cable support
- High capacity, ‘clean-break’ arrow-head style cable manager fingers
- Adjustable rack waterfalls support full line of Eaton cable managers
- Fully adjustable runway mounting

Reliable ePDU mounting to maximize network uptime

- Safe, secure power mounting options help reduce risk of network downtime
  - Rear ePDU mounting channel
  - Rear upright
  - Rear mounting rails
  - ePDU mounting bracket
- Eaton’s ePDU G3 low-profile ePDUs allow for reliable installation of network equipment without removing power
- Power cable management to provide strain relief and retention

High density airflow management to support critical network equipment

- Low-profile air baffles which meet mechanical requirements for Cisco Nexus® and Catalyst Series® switches
- Maximizes efficiency for both front to rear and side breathing equipment
- Side panels seal off end-of-row applications
- Eaton blanking panels block unused rackmount unit (RMU) spacing

† Mark shown is property of respective owner.
**HDNR System**

**HDNR cable management rack system product overview**

**A Cable Management Rack**
- Part No: HD2T7BFB (see page 12)
- Supports high capacity cabling applications
- Patterned uprights for cable and airflow management
- Supports HDNR and RCM+ cable management

**B High Capacity Vertical Manager**
- Part No: HDVS710FB (see page 13)
- Flanged design for increased cable capacity
- Sleek, easy-to-operate doors
- High capacity ‘clean-break’ fingers

**C Runway Standoff Kit** (not shown)
- Part No: HDRSK4FB (see page 17)
- Fully adjustable brackets connect to top of rack
- Customizable for most overhead cabling applications

**D Side Panel**
- Part No: HD2T7DFB (see page 14)
- Split design can seal end-of-row applications
- Compatible with HDNR air baffles

**E Air Baffle**
- Part No: HDAB7DFB (see page 14)
- Low-profile, half-height design
- Compliant with Cisco® network equipment standards for side-to-side airflow

**F Overhead Drop-outs**
- Part No: HDDODFB (see page 17)
- Adjustable cable supports integrated with patented 4Dimension™ dove-tail design for greater flexibility

**G Cable Strap Mounting Kit**
- Part No: HDCSMFB (see page 18)
- Manages cable bundles throughout the rack
- Compatible with 4Dimension strut

**H Cable Management Bracket**
- Part No: HDCMBFB (see page 18)
- Connects HDNR and RCM+ high density vertical managers for double-sided cable management

**I Fixed & Adjustable ePDU Mounting Brackets**
- Part No: SB3010FB, SB3011FB
- Supports Eaton’s standard fixed and adjustable ePDU mounting support for 0U configuration of rack power

**J RCM+ Low Density Vertical Cable Manager**
- Part No: SB862865084FB (see RCM+ catalog)
- Manages bulk cabling when used on the back side of an HDNR high capacity vertical cable manager
- High and low density versions compatible

**K RCM+ Extended Horizontal Cable Manager**
- Part No: SB87019SX2FB (see RCM+ catalog)
- Offers maximum rack cable capacity when used with HDNR and RCM+ high density vertical cable managers

**L RCM+ Telescopic Cable Spool** (not shown)
- Part No: SB8860ACSFB (see RCM+ catalog)
- Manages bend radius for cable bundles
- Compatible with HDNR and RCM+ vertical cable managers

† Mark shown is property of respective owner.
Flexible cabling solutions to enhance rack organization

- Perforated uprights for full access between rack and cable managers
- High capacity vertical cable managers compatible with RCM+ extended horizontal cable managers
- Adjustable overhead drop-outs to manage network and power cable bundles
- Integrated cable strap mounting for wide range of network cable support
- High capacity, ‘clean-break’ arrowhead style cable manager fingers
- Adjustable waterfalls support full line of Eaton cable managers
- Fully adjustable runway mounting

Reliable ePDU mounting to maximize network uptime

- Compatible with fixed and adjustable rack ePDU brackets
- Supports installation of network equipment without removing power
- Compatible RCM+ vertical cable manager ePDU mounting

High density airflow management to support critical network equipment

- Low-profile air baffles which meet mechanical requirements for Cisco Catalyst® Series switches
- Side panels seal off end-of-row applications
- Perforated uprights accommodate side breathing equipment

1 Mark shown is property of respective owner.
HDNR System

HDNR four post adjustable rack, square hole

- Open 19" four post frame with EIA steel mounting rails
- Available in 45 RMU and 52 RMU heights with permanently stamped RMU markings
- EIA/ECA-310-E universal hole pattern rails accept M6, #10-32, or #12-24 cage nuts
- Load Rating: 2,200 lbs. (998kg) capacity, evenly distributed along the rack height
- Integrated 4Dimension™ strut to accommodate
  - Easy rear rail adjustment (included)
  - Adjustable overhead drop-outs
  - Adjustable runway mounting brackets
  - Adjustable cable brackets
  - Side panel and air baffle mounting
- Low profile ePDU mounting in rear channel supports up to 2 full-height and four half-height ePDUs
- Adjustable waterfall compatible with HDNR and RCM+ vertical managers
- Ships in protective carton and easily assembles using standard hand tools
- Supports HDNR and RCM+ vertical cable managers
- HDNR four post adjustable rack kit includes:
  - (2) pre-welded side assemblies, (2) 4Dimension strut cross members,
  - (2) rear adjustable mounting strips, (1) adjustable waterfall, assembly hardware
- UL Listed to the UL1863 standard – File No. E171936
- OSHPD Pre-Approved (OPM) – File No. OPM-0063-13
- Material: Steel uprights, cross members, and anchor plates
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>RMU</th>
<th>H Height in. (mm)</th>
<th>W Max Outer Width in. (mm)</th>
<th>D Max Outer Depth in. (mm)</th>
<th>R Max Rail Depth in. (mm)</th>
<th>Weight Per Each lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD4S7C__</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>23%&quot; (600)</td>
<td>30&quot; (762)</td>
<td>23&quot; (584)</td>
<td>144.7 (65.6)</td>
</tr>
<tr>
<td>HD4S7D__</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>23%&quot; (600)</td>
<td>36&quot; (914)</td>
<td>29&quot; (736)</td>
<td>149.0 (67.6)</td>
</tr>
<tr>
<td>HD4S7E__</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>23%&quot; (600)</td>
<td>42&quot; (1067)</td>
<td>35&quot; (889)</td>
<td>153.3 (69.6)</td>
</tr>
<tr>
<td>HD4S8C__</td>
<td>52</td>
<td>96&quot; (2433)</td>
<td>23%&quot; (600)</td>
<td>30&quot; (762)</td>
<td>23&quot; (584)</td>
<td>158.2 (71.7)</td>
</tr>
<tr>
<td>HD4S8D__</td>
<td>52</td>
<td>96&quot; (2433)</td>
<td>23%&quot; (600)</td>
<td>36&quot; (914)</td>
<td>29&quot; (736)</td>
<td>162.5 (73.7)</td>
</tr>
<tr>
<td>HD4S8E__</td>
<td>52</td>
<td>96&quot; (2433)</td>
<td>23%&quot; (600)</td>
<td>42&quot; (1067)</td>
<td>35&quot; (889)</td>
<td>166.8 (75.6)</td>
</tr>
</tbody>
</table>
HDNR cable management rack, tapped hole

- Open 19" four post frame with EIA steel mounting rails
- Available in 45 RMU and 52 RMU heights with permanently stamped RMU markings
- EIA/ECA-310-E universal tapped rails accept #12-24 screws
- Load Rating: 2,200 lbs. (998kg) capacity, evenly distributed along the rack height
- Integrated 4Dimension™ strut to accommodate
  - Easy rear rail adjustment (included)
  - Adjustable rack drop-outs
  - Adjustable runway mounting brackets
  - Adjustable cable strap brackets
  - Side panel and air baffle mounting
- Low profile ePDU mounting in rear channel supports up to 2 full-height and four half-height ePDUs
- Adjustable waterfall compatible with HDNR and RCM+ vertical managers
- Ships in protective carton and easily assembles using standard hand tools
- Supports HDNR and RCM+ vertical cable managers
- HDNR four post adjustable rack kit includes:
  - (2) pre-welded side assemblies, (2) 4Dimension strut cross members,
  - (2) rear adjustable mounting strips, (1) adjustable waterfall, assembly hardware
- UL Listed to the UL1863 standard – File No. E171936
- OSHPD Pre-Approved (OPM) – File No. OPM-0063-13
- Material: Steel uprights, cross members, and anchor plates
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

### Catalog Number | RMU | H Height (mm) | W Max Outer Width (mm) | D Max Outer Depth (mm) | R Max Rail Depth (mm) | Weight Per Each (lbs. / kg)
--- | --- | --- | --- | --- | --- | ---
HD4T7C__ | 45 | 84" (2134) | 23¾" (600) | 30" (762) | 23" (584) | 152.3 (69.1)
HD4T7D__ | 45 | 84" (2134) | 23¾" (600) | 36" (914) | 29" (736) | 156.6 (71.0)
HD4T7E__ | 45 | 84" (2134) | 23¾" (600) | 42" (1067) | 35" (889) | 160.9 (73.0)
HD4T8C__ | 52 | 96" (2433) | 23¾" (600) | 30" (762) | 23" (584) | 167.0 (75.7)
HD4T8D__ | 52 | 96" (2433) | 23¾" (600) | 36" (914) | 29" (736) | 171.3 (77.7)
HD4T8E__ | 52 | 96" (2433) | 23¾" (600) | 42" (1067) | 35" (889) | 175.6 (79.6)
HDNR System

HDNR cable management rack, tapped hole

- Open 19" four post frame with EIA steel mounting rails
- Available in 45 RMU and 52 RMU heights with permanently stamped RMU markings
- EIA/ECA-310-E universal tapped rails accept #12-24 screws
- Load Rating: 2,000 lbs. (907kg) capacity, evenly distributed along the rack height
- Integrated 4Dimension™ strut to accommodate
  - Adjustable overhead drop-outs
  - Adjustable runway mounting brackets
  - Adjustable cable strap brackets
- Ships in protective carton and easily assembles in about 15 minutes using standard hand tools
- Supports HDNR and RCM+ vertical cable managers on both front and rear sides
- HDNR cable management rack kit includes:
  - (2) pre-welded side assemblies, (2) 4Dimension strut cross members,
  - (1) adjustable waterfall, assembly hardware
- UL Listed to the UL1863 standard – File No. E171936
- OSHPD Pre-Approved (OPM) – File No. OPM-0063-13
- Material: Aluminum uprights, steel cross members, and anchor plates
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

HD2T7BFB

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>RMU</th>
<th>H Height in. (mm)</th>
<th>W Max Outer Width in. (mm)</th>
<th>D Max Outer Depth in. (mm)</th>
<th>Weight Per Each lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD2T7A_</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>23½&quot; (600)</td>
<td>16&quot; (406)</td>
<td>76.8 (34.8)</td>
</tr>
<tr>
<td>HD2T7B_</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>23½&quot; (600)</td>
<td>24&quot; (609)</td>
<td>86.2 (39.1)</td>
</tr>
<tr>
<td>HD2T8A_</td>
<td>52</td>
<td>96&quot; (2433)</td>
<td>23¾&quot; (600)</td>
<td>16&quot; (406)</td>
<td>84.4 (38.3)</td>
</tr>
<tr>
<td>HD2T8B_</td>
<td>52</td>
<td>96&quot; (2433)</td>
<td>23¾&quot; (600)</td>
<td>24&quot; (609)</td>
<td>95.3 (43.2)</td>
</tr>
</tbody>
</table>
HDNR System

HDNR high capacity vertical cable manager

- Compatible with HDNR four post adjustable racks and HDNR cable management racks
- Designed with high-capacity outer flange for extra cable bundle support
- Extra front capacity helps reduce the need for double-sided cable management, without adding footprint
- Solid-door design with single-hand opening via squeeze-lock hinges from either side
- Floor-resting for added stability
- Easy installation
- Ribbed back design for cable bundle pass-through
- Arrowhead finger design for fast install and reliable cable retention
- Clean-break finger design to easily remove (hand tool required)
- Compatible with RCM+ horizontal cable managers (extended finger version recommended)
- Compatible with RCM+ telescopic cable spool (6 per 84", 7 per 96")
- Compatible with RCM+ vertical managers for double-sided cable management (need to purchase HDNR cable management bracket, HDCMBFB)
- UL Listed to the UL1863 standard – File No. E171936
- Vertical cable manager includes:
  - (1) vertical cabling section, (1) full-height door, and installation hardware
- Material: Aluminum back and door, steel door support brackets, and plastic fingers
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat (metal only), plastic offered in black

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Fits HDNR RMU</th>
<th>Height of H Height</th>
<th>W Rear Width</th>
<th>D Door Width</th>
<th>Cable Cap. 50% Fill CAT6A .375 dia.</th>
<th>Weight Per Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDVS76 __</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>6&quot; (152)</td>
<td>10&quot; (254)</td>
<td>436</td>
<td>54.9 (24.9)</td>
</tr>
<tr>
<td>HDVS710 __</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>10&quot; (254)</td>
<td>14&quot; (355)</td>
<td>673</td>
<td>59.4 (26.9)</td>
</tr>
<tr>
<td>HDVS712 __</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>12&quot; (305)</td>
<td>16&quot; (406)</td>
<td>791</td>
<td>61.6 (27.9)</td>
</tr>
<tr>
<td>HDVS715 __</td>
<td>45</td>
<td>84&quot; (2134)</td>
<td>15&quot; (381)</td>
<td>19&quot; (482)</td>
<td>969</td>
<td>65.0 (29.5)</td>
</tr>
<tr>
<td>HDVS86 __</td>
<td>52</td>
<td>96&quot; (2438)</td>
<td>6&quot; (152)</td>
<td>10&quot; (254)</td>
<td>436</td>
<td>63.0 (28.6)</td>
</tr>
<tr>
<td>HDVS810 __</td>
<td>52</td>
<td>96&quot; (2438)</td>
<td>10&quot; (254)</td>
<td>14&quot; (355)</td>
<td>673</td>
<td>68.5 (31.1)</td>
</tr>
<tr>
<td>HDVS812 __</td>
<td>52</td>
<td>96&quot; (2438)</td>
<td>12&quot; (305)</td>
<td>16&quot; (406)</td>
<td>791</td>
<td>71.2 (32.3)</td>
</tr>
<tr>
<td>HDVS815 __</td>
<td>52</td>
<td>96&quot; (2438)</td>
<td>15&quot; (381)</td>
<td>19&quot; (482)</td>
<td>969</td>
<td>75.3 (34.1)</td>
</tr>
</tbody>
</table>
**HDNR System**

**HDNR side panels**

- Compatible with HDNR four post adjustable racks and HDNR cable management racks
- Half-height design to seal end-of-row applications
- Installs in minutes
- Can be mounted with HDNR air baffles (half-height)
- Side panels include:
  - (2) half-height panels and rack mounting hardware
- Material: steel side panel
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

---

**Side panel**

**Cable management rack system**

**Four post adjustable rack system**

---

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Fits HDNR Height of RMU</th>
<th>H Height</th>
<th>W Width</th>
<th>Weight Per Set</th>
<th>Compatible with HDNR rack</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDSP7A__</td>
<td>45</td>
<td>41⅞&quot; (1060)</td>
<td>6¾&quot; (168)</td>
<td>11.7 (5.3)</td>
<td>HD2T7A__</td>
</tr>
<tr>
<td>HDSP7B __</td>
<td>45</td>
<td>41⅞&quot; (1060)</td>
<td>14¾&quot; (371)</td>
<td>20.7 (9.4)</td>
<td>HD2T7B__</td>
</tr>
<tr>
<td>HDSP7C __</td>
<td>45</td>
<td>41⅞&quot; (1051)</td>
<td>20¾&quot; (514)</td>
<td>27.0 (12.2)</td>
<td>HD4S7C__, HD4T7C__</td>
</tr>
<tr>
<td>HDSP7D __</td>
<td>45</td>
<td>41⅞&quot; (1051)</td>
<td>26¾&quot; (641)</td>
<td>33.6 (15.2)</td>
<td>HD4S7D <strong>, HD4T7D</strong></td>
</tr>
<tr>
<td>HDSP7E __</td>
<td>45</td>
<td>41⅞&quot; (1051)</td>
<td>32½&quot; (819)</td>
<td>40.3 (18.3)</td>
<td>HD4S7E <strong>, HD4T7E</strong></td>
</tr>
<tr>
<td>HDSP8A __</td>
<td>52</td>
<td>47¾&quot; (1213)</td>
<td>6¼&quot; (168)</td>
<td>17.3 (7.8)</td>
<td>HD2T8A__</td>
</tr>
<tr>
<td>HDSP8B __</td>
<td>52</td>
<td>47¾&quot; (1213)</td>
<td>14¼&quot; (371)</td>
<td>27.5 (12.4)</td>
<td>HD2T8B__</td>
</tr>
<tr>
<td>HDSP8C __</td>
<td>52</td>
<td>47¾&quot; (1203)</td>
<td>20¼&quot; (514)</td>
<td>34.7 (15.7)</td>
<td>HD4S8C__, HD4T8C__</td>
</tr>
<tr>
<td>HDSP8D __</td>
<td>52</td>
<td>47¾&quot; (1203)</td>
<td>26¼&quot; (641)</td>
<td>42.3 (19.2)</td>
<td>HD4S8D <strong>, HD4T8D</strong></td>
</tr>
<tr>
<td>HDSP8E __</td>
<td>52</td>
<td>47¾&quot; (1203)</td>
<td>32¾&quot; (819)</td>
<td>49.9 (22.6)</td>
<td>HD4S8E <strong>, HD4T8E</strong></td>
</tr>
</tbody>
</table>
HDNR System

HDNR air baffles

- Compatible with HDNR four post adjustable racks and HDNR cable management racks
- Low-profile design to support minimal rack footprint
- Installs in minutes
- Can be mounted with HDNR panels (half) to block airflow between racks
- Compatible with Cisco Nexus®† and Catalysts Series®† mounting specifications
- Air baffles include:
  - (1) half-height air baffle and rack mounting hardware
- Material: steel air baffle
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Fits HDNR Height of RMU</th>
<th>H Height (in. / mm)</th>
<th>W Width (in. / mm)</th>
<th>Weight Each (lbs. / kg)</th>
<th>Compatible with HDNR Rack</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDAB7B</td>
<td>45</td>
<td>38 1/4&quot; (984)</td>
<td>19 1/8&quot; (168)</td>
<td>20.3 (9.2)</td>
<td>HD2T7B__</td>
</tr>
<tr>
<td>HDAB7C</td>
<td>45</td>
<td>39 1/2&quot; (1003)</td>
<td>20 1/16&quot; (619)</td>
<td>21.5 (9.7)</td>
<td>HD4S7C__, HD4T7C__</td>
</tr>
<tr>
<td>HDAB7D</td>
<td>45</td>
<td>39 1/2&quot; (1003)</td>
<td>26 1/16&quot; (671)</td>
<td>25.5 (11.5)</td>
<td>HD4S7D__, HD4T7D__</td>
</tr>
<tr>
<td>HDAB7E</td>
<td>45</td>
<td>39 1/2&quot; (1003)</td>
<td>32 1/16&quot; (824)</td>
<td>29.6 (13.4)</td>
<td>HD4S7E__, HD4T7E__</td>
</tr>
<tr>
<td>HDAB8B</td>
<td>52</td>
<td>44 4/4&quot; (1136)</td>
<td>19 1/8&quot; (168)</td>
<td>22.8 (10.3)</td>
<td>HD2T8B__</td>
</tr>
<tr>
<td>HDAB8C</td>
<td>52</td>
<td>45 1/2&quot; (1156)</td>
<td>20 1/16&quot; (619)</td>
<td>24.0 (10.9)</td>
<td>HD4S8C__, HD4T8C__</td>
</tr>
<tr>
<td>HDAB8D</td>
<td>52</td>
<td>45 1/2&quot; (1156)</td>
<td>26 1/16&quot; (671)</td>
<td>28.6 (13.0)</td>
<td>HD4S8D__, HD4T8D__</td>
</tr>
<tr>
<td>HDAB8E</td>
<td>52</td>
<td>45 1/2&quot; (1156)</td>
<td>32 1/16&quot; (824)</td>
<td>33.1 (15.0)</td>
<td>HD4S8E__, HD4T8E__</td>
</tr>
</tbody>
</table>
HDNR System

HDNR ePDU mounting brackets

- Compatible with HDNR four post adjustable racks (see page 7)
- Supports up to two (2) full-height and four (4) half-height ePDUs
- Fast, tool-less install to the rack
- ePDU brackets include:
  - (1) ePDU mounting bracket (full length) and mounting hardware
- Material: steel mounting bracket and hardware
- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

<table>
<thead>
<tr>
<th>HDPNR four post adjustable rack system</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram of HDNR system]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HD4S7DFB (four post adjustable rack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram of HD4S7DFB]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HDPDUFB (ePDU mounting bracket)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram of HDPDUFB]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SBSMVBCKL Eaton VELCRO®* strap</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram of SBSMVBCKL]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eaton G3 full-height ePDU</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram of Eaton G3]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HDPNR System</th>
<th><a href="http://www.eaton.com">www.eaton.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>HDNR System</td>
<td>16</td>
</tr>
</tbody>
</table>

**Catalog Fits Rack Height of RMU**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Fits Rack Height of RMU</th>
<th>H Height</th>
<th>W Width</th>
<th>D Depth</th>
<th>Weight Each</th>
<th># of ePDUs</th>
<th>Compatible with HDNR rack</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDPDU__</td>
<td>45 52</td>
<td>64* (1625)</td>
<td>5* (127)</td>
<td>4½* (114)</td>
<td>15.1 (6.8)</td>
<td>4 2</td>
<td>Four Post Adjustable Rack</td>
</tr>
</tbody>
</table>

* Mark shown is property of respective owner.
HDNR overhead drop-outs
- Compatible with HDNR four post adjustable racks and HDNR cable management racks
- Integrated with Eaton’s patented 4Dimension™ strut to support cable bundles with Eaton’s VELCRO® straps
- Fast install to the top of rack
- Drop-out kit includes:
  - (2) overhead drop-outs and mounting hardware
  - Material: plastic drop-outs and steel mounting hardware
  - Finish: Flat Black (FB)

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Length</th>
<th>Weight Per Kit</th>
<th>Compatible with HDNR rack</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDDOAFB</td>
<td>11 ½&quot; (292)</td>
<td>2.4 lbs. (1.09 kg)</td>
<td>HD2T7A__, HD2T8A__</td>
</tr>
<tr>
<td>HDDOBFB</td>
<td>19 ½&quot; (495)</td>
<td>3.3 lbs. (1.49 kg)</td>
<td>HD2T7B__, HD2T8B__</td>
</tr>
<tr>
<td>HDDOCFB</td>
<td>25 ¾&quot; (654)</td>
<td>3.9 lbs. (1.77 kg)</td>
<td>HD4S7C__, HD4S8C__</td>
</tr>
<tr>
<td>HDDODFB</td>
<td>31 ¾&quot; (806)</td>
<td>4.5 lbs. (2.04 kg)</td>
<td>HD4S7D__, HD4S8D__</td>
</tr>
<tr>
<td>HDDOEFB</td>
<td>37 ¾&quot; (959)</td>
<td>5.1 lbs. (2.45 kg)</td>
<td>HD4S7E__, HD4S8E__</td>
</tr>
</tbody>
</table>

HDNR runway stand-off kit
- Compatible with HDNR four post adjustable racks and HDNR cable management racks
- Integrated with Eaton’s patented 4Dimension™ strut to adjust to any height
- Installs in minutes
- Compatible with full-line of Eaton's Redi-Rail™ system
- Runway stand-off kit includes:
  - (2) runway mounting brackets and installation hardware
  - Material: steel mounting bracket and hardware
  - Finishes:
    Flat Black (FB) and Eaton White (EW) Powder Coat

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Max. height</th>
<th>Min. height</th>
<th>Weight Per Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDRSK4__</td>
<td>6 ¾&quot; (171)</td>
<td>4&quot; (101)</td>
<td>3.3 lbs. (1.49 kg)</td>
</tr>
<tr>
<td>HDRSK6__</td>
<td>10 ¼&quot; (273)</td>
<td>6&quot; (152)</td>
<td>3.9 lbs. (1.77 kg)</td>
</tr>
<tr>
<td>HDRSK8__</td>
<td>14 ¼&quot; (374)</td>
<td>8&quot; (203)</td>
<td>4.5 lbs. (2.04 kg)</td>
</tr>
</tbody>
</table>

Mark shown is property of respective owner.
**HDNR System**

**HDNR cable management accessories**

**HDNR cable management bracket kit**
- Connects RCM+ high density (SB860 Series) and low density (SB862 Series) to support double-sided cable management with the HDNR high capacity vertical cable managers
- Fast installation
- Cable Management bracket kit includes:
  - (2) brackets and installation hardware
- Material: aluminum bracket and steel hardware
- Finishes:
  Flat Black (FB) and Eaton White (EW) Powder Coat

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Weight per kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDCMBFB</td>
<td>0.50 (0.22)</td>
</tr>
</tbody>
</table>

**HDNR cable strap mount kit**
- Compatible with Eaton’s HDNR four post adjustable racks and HDNR cable management racks
- Compatible with Eaton’s patented 4Dimension™ strut and Eaton’s VELCRO®* straps
- Fast installation
- Cable strap mounting kit includes:
  - (10) VELCRO strap mounting brackets and installation hardware
- Material: plastic VELCRO strap bracket and steel hardware
- Finish: Flat Black (FB)

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Weight Per Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDCSKFB</td>
<td>0.80 (0.36)</td>
</tr>
</tbody>
</table>

Eaton VELCRO®* Strap
(not included)

* Mark shown is property of respective owner.
### Recommended HDNR configuration for common applications *

#### Cisco Catalyst®† Series (6500)

<table>
<thead>
<tr>
<th>Switch</th>
<th>6503</th>
<th>6504</th>
<th>6506</th>
<th>6509</th>
<th>6513</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airflow</td>
<td>side/side</td>
<td>side/side</td>
<td>side/side</td>
<td>side/side</td>
<td>side/side</td>
</tr>
<tr>
<td>Cable Management Rack</td>
<td>HD2T7B__</td>
<td>HD2T7B__</td>
<td>HD2T7B__</td>
<td>HD2T7B__</td>
<td>HD2T7B__</td>
</tr>
<tr>
<td>Vertical Manager</td>
<td>HDVS76__</td>
<td>HDVS76__</td>
<td>HDVS76__</td>
<td>HDVS76__</td>
<td>HDVS76__</td>
</tr>
<tr>
<td>Air Baffle</td>
<td>HDAB7B__</td>
<td>HDAB7B__</td>
<td>HDAB7B__</td>
<td>HDAB7B__</td>
<td>HDAB7B__</td>
</tr>
<tr>
<td>Side Panel</td>
<td>HDSP7B__</td>
<td>HDSP7B__</td>
<td>HDSP7B__</td>
<td>HDSP7B__</td>
<td>HDSP7B__</td>
</tr>
<tr>
<td>Rack Drop-Out</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
</tr>
<tr>
<td>ePDU Mounting Bracket</td>
<td>SB3010__ or SB3011__</td>
<td>SB3010__ or SB3011__</td>
<td>SB3010__ or SB3011__</td>
<td>SB3010__ or SB3011__</td>
<td>SB3010__ or SB3011__</td>
</tr>
<tr>
<td>Cable Strap Mounting Kit</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
</tr>
</tbody>
</table>

#### Cisco Nexus®† Series (7000)

<table>
<thead>
<tr>
<th>Switch</th>
<th>7004</th>
<th>7009</th>
<th>7010</th>
<th>7018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four Post Adjustable Rack</td>
<td>HD4S7D__ or HD4T7D__</td>
<td>HD4S7D__ or HD4T7D__</td>
<td>HD4S7E__ or HD4T7E__</td>
<td>HD4S7E__ or HD4T7E__</td>
</tr>
<tr>
<td>Vertical Manager</td>
<td>HDV710__</td>
<td>HDV710__</td>
<td>HDV712__</td>
<td>HDV712__</td>
</tr>
<tr>
<td>Air Baffle</td>
<td>HDAB7D__</td>
<td>HDAB7D__</td>
<td>Not Required</td>
<td>HDAB7E__</td>
</tr>
<tr>
<td>Side Panel</td>
<td>HDSP7D__</td>
<td>HDSP7D__</td>
<td>HDSP7E__</td>
<td>HDSP7E__</td>
</tr>
<tr>
<td>Rack Drop-Out</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
</tr>
<tr>
<td>ePDU Mounting Bracket</td>
<td>HDPDU</td>
<td>HDPDU</td>
<td>HDPDU</td>
<td>HDPDU</td>
</tr>
<tr>
<td>Cable Strap Mounting Kit</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
</tr>
</tbody>
</table>

#### Cisco Nexus®† Series (7700)

<table>
<thead>
<tr>
<th>Switch</th>
<th>7706</th>
<th>7710</th>
<th>7718</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four Post Adjustable Rack</td>
<td>HD4S7E__ or HD4T7E__</td>
<td>HD4S7E__ or HD4T7E__</td>
<td>HD4S7E__ or HD4T7E__</td>
</tr>
<tr>
<td>Vertical Manager</td>
<td>HDV710__</td>
<td>HDV712__</td>
<td>HDV712__</td>
</tr>
<tr>
<td>Side Panel</td>
<td>HDSP7E__</td>
<td>HDSP7E__</td>
<td>HDSP7E__</td>
</tr>
<tr>
<td>Rack Drop-Out</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
<td>HDDOBFB</td>
</tr>
<tr>
<td>ePDU Mounting Bracket</td>
<td>HDPDU</td>
<td>HDPDU</td>
<td>HDPDU</td>
</tr>
<tr>
<td>Cable Strap Mounting Kit</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
<td>HDCSKFB</td>
</tr>
</tbody>
</table>

#### High Density Patch Panel

<table>
<thead>
<tr>
<th>Switch</th>
<th>7706</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Management Rack</td>
<td>HD2T7B__</td>
</tr>
<tr>
<td>Vertical Manager</td>
<td>HDV710__</td>
</tr>
<tr>
<td>Side Panel</td>
<td>HDSP7E__</td>
</tr>
<tr>
<td>Rack Drop-out</td>
<td>HDDOBFB</td>
</tr>
<tr>
<td>RCM® Extended Finger Horizontal Cable Manager</td>
<td>SB87019SX1__</td>
</tr>
</tbody>
</table>

---

**NOTICE**

Eaton reserves the right to change the specifications, materials, equipment, prices or the availability of products at any time without prior notice. While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, we are not responsible for inaccuracies resulting from undetected errors or omissions.

---

* Suggested use only. Configurations may vary based on customer or application requirements.

† Mark shown is property of respective owner.

_ _ = Color (FB = Flat Black, EW = Eaton White)
U.S. Customer Service Center is staffed Monday through Friday from 7 a.m. to 5 p.m. Central Standard Time.

For more information, visit www.eaton.com/hdnr.