



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



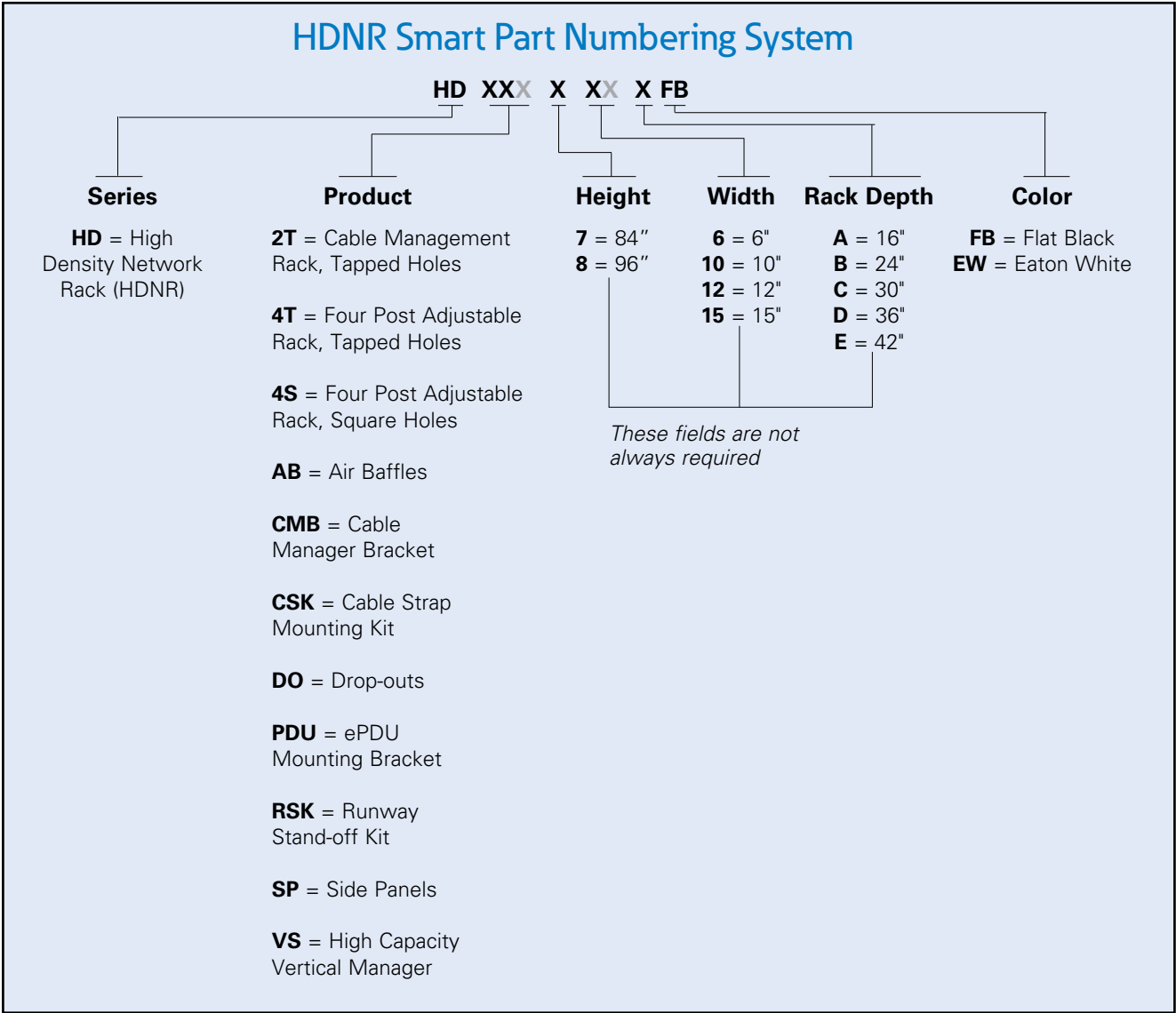
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Four Post
Adjustable Rack System



Cable Management
Rack System



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**



Overhead Drop-Outs



**Cable Strap
Mounting Kit**



**Cable Management
Bracket**



Runway Standoff Kit

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

Front View



Rear View



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)
- Stylish, 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: HDDODFB (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: SB8860ACSF (see RCM+ catalog)
- Manages bend radius for cable bundles
- Compatible with HDNR and RCM+ vertical cable managers

† Mark shown is property of respective owner.

HDNR four post adjustable rack system overview

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



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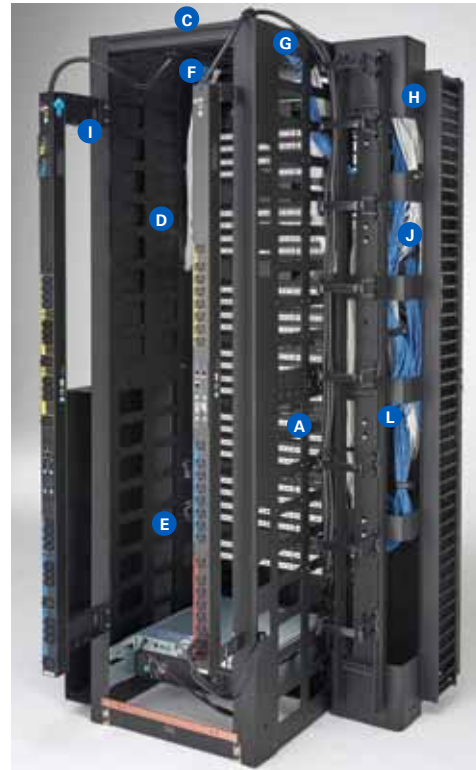
HDNR System

HDNR cable management rack system product overview

Front View



Rear View



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: SB86286S084FB (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: SB8860ACSF (see RCM+ catalog)
- Manages bend radius for cable bundles
- Compatible with HDNR and RCM+ vertical cable managers

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HDNR cable management rack system product overview

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' arrow-head 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



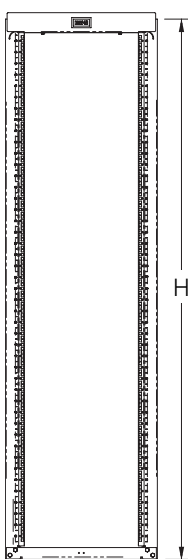
[†] Mark shown is property of respective owner.

HDNR System

HDNR four post adjustable rack, square hole

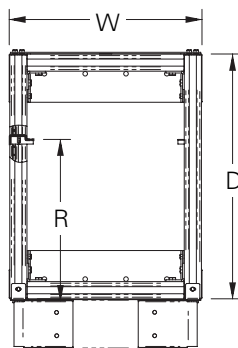
- Open 19" four post frame with EIA steel mounting rails
- Available in 45 RMU and 52 RMU heights with permanently stamped RMU markings
- EIA/ECA-310-E universal hole pattern rails accept M6, #10-32, or #12-24 cage nuts
- Load Rating: 2,200 lbs. (998kg) capacity, evenly distributed along the rack height
- 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

Front View



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Top View



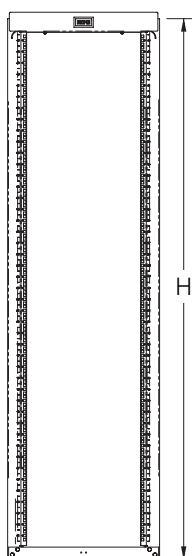
HD4S7DFB

Catalog Number	RMU	H Height		W Max Outer Width		D Max Outer Depth		R Max Rail Depth		Weight Per Each	
		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	lbs.	(kg)
HD4S7C__	45	84"	(2134)	23 ⁵ / ₈ "	(600)	30"	(762)	23"	(584)	144.7	(65.6)
HD4S7D__	45	84"	(2134)	23 ⁵ / ₈ "	(600)	36"	(914)	29"	(736)	149.0	(67.6)
HD4S7E__	45	84"	(2134)	23 ⁵ / ₈ "	(600)	42"	(1067)	35"	(889)	153.3	(69.6)
HD4S8C__	52	96"	(2433)	23 ⁵ / ₈ "	(600)	30"	(762)	23"	(584)	158.2	(71.7)
HD4S8D__	52	96"	(2433)	23 ⁵ / ₈ "	(600)	36"	(914)	29"	(736)	162.5	(73.7)
HD4S8E__	52	96"	(2433)	23 ⁵ / ₈ "	(600)	42"	(1067)	35"	(889)	166.8	(75.6)

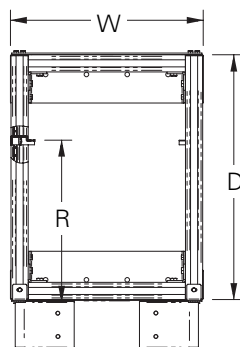
HDNR cable management rack, tapped hole

- 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

Front View



Top View



HD4T7DFB

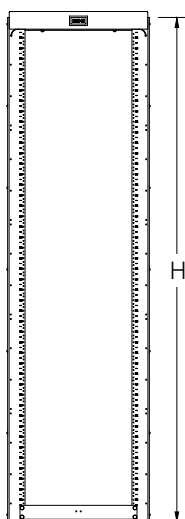
Catalog Number	RMU	H Height		W Max Outer Width		D Max Outer Depth		R Max Rail Depth		Weight Per Each	
		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	lbs.	(kg)
HD4T7C__	45	84"	(2134)	23 ⁵ / ₈ "	(600)	30"	(762)	23"	(584)	152.3	(69.1)
HD4T7D__	45	84"	(2134)	23 ⁵ / ₈ "	(600)	36"	(914)	29"	(736)	156.6	(71.0)
HD4T7E__	45	84"	(2134)	23 ⁵ / ₈ "	(600)	42"	(1067)	35"	(889)	160.9	(73.0)
HD4T8C__	52	96"	(2433)	23 ⁵ / ₈ "	(600)	30"	(762)	23"	(584)	167.0	(75.7)
HD4T8D__	52	96"	(2433)	23 ⁵ / ₈ "	(600)	36"	(914)	29"	(736)	171.3	(77.7)
HD4T8E__	52	96"	(2433)	23 ⁵ / ₈ "	(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

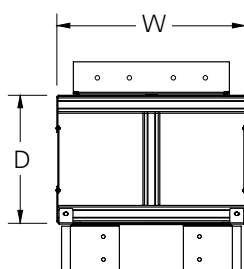
Front View



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Top View



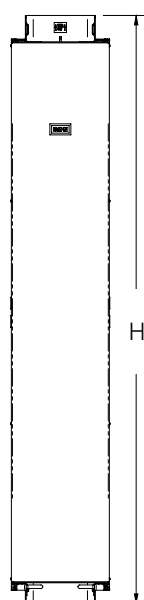
HD2T7BFB

Catalog Number	RMU	H Height in. (mm)	W Max Outer Width in. (mm)	D Max Outer Depth in. (mm)	Weight Per Each lbs. (kg)
HD2T7A__	45	84" (2134)	23 ⁵ / ₈ " (600)	16" (406)	76.8 (34.8)
HD2T7B__	45	84" (2134)	23 ⁵ / ₈ " (600)	24" (609)	86.2 (39.1)
HD2T8A__	52	96" (2433)	23 ⁵ / ₈ " (600)	16" (406)	84.4 (38.3)
HD2T8B__	52	96" (2433)	23 ⁵ / ₈ " (600)	24" (609)	95.3 (43.2)

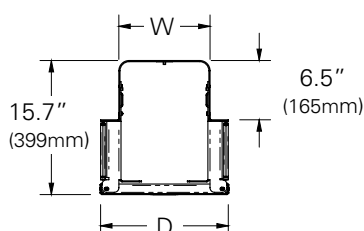
HDNR high capacity vertical cable manager

- 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

Front View



Top View



closed

HDVS710FB

open

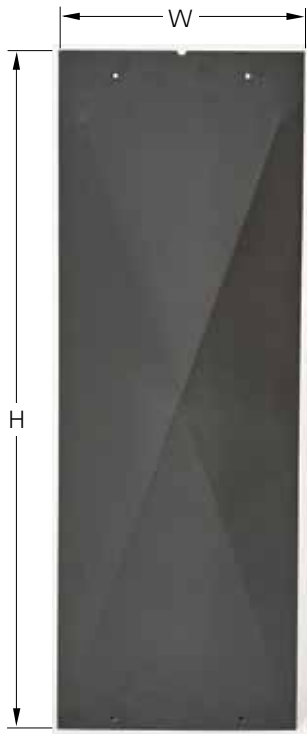
Catalog Number	Fits HDNR Height of RMU	H Height		W Rear Width		D Door Width		Cable Cap. 50% Fill CAT6A .375 dia.	Weight Per Each	
		in.	(mm)	in.	(mm)	in.	(mm)		lbs.	(kg)
HDVS76__	45	84"	(2134)	6"	(152)	10"	(254)	436	54.9	(24.9)
HDVS710__	45	84"	(2134)	10"	(254)	14"	(355)	673	59.4	(26.9)
HDVS712__	45	84"	(2134)	12"	(305)	16"	(406)	791	61.6	(27.9)
HDVS715__	45	84"	(2134)	15"	(381)	19"	(482)	969	65.0	(29.5)
HDVS86__	52	96"	(2438)	6"	(152)	10"	(254)	436	63.0	(28.6)
HDVS810__	52	96"	(2438)	10"	(254)	14"	(355)	673	68.5	(31.1)
HDVS812__	52	96"	(2438)	12"	(305)	16"	(406)	791	71.2	(32.3)
HDVS815__	52	96"	(2438)	15"	(381)	19"	(482)	969	75.3	(34.1)

HDNR System

HDNR side panels

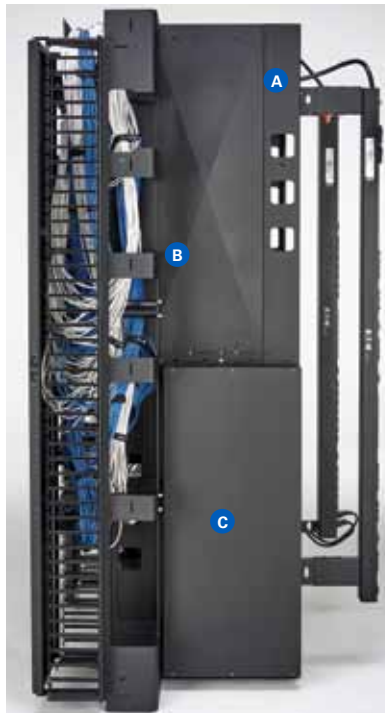
- Compatible with HDNR four post adjustable racks and HDNR cable management racks
- Half-height design to seal end-of-row applications
- Installs in minutes
- Can be mounted with HDNR air baffles (half-height)
- Side panels include:
 - (2) half-height panels and rack mounting hardware
- Material: steel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

Side panel



HDSP7BFB
(includes 2)

**Cable management
rack system**



- A** HD2T7BFB (cable management rack)
- B** HDSP7BFB (side panel)
- C** HDAB7BFB (air baffle)

**Four post
adjustable rack system**

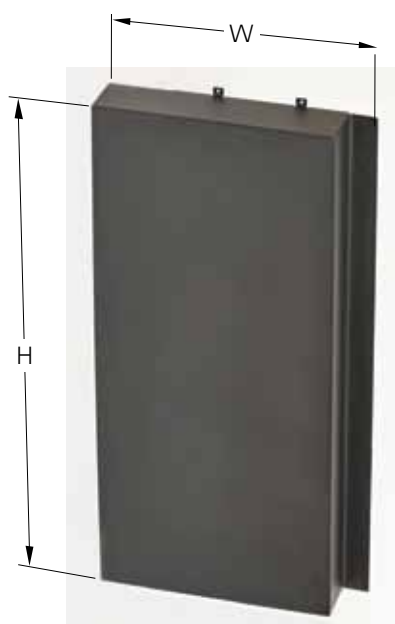


- D** HD4S7DFB (four post adjustable rack)
- E** HDSP7DFB (side panel, half)
- F** HDAB7DFB (air baffle)

Catalog Number	Fits HDNR Height of RMU	H Height		W Width		Weight Per Set	Compatible with HDNR rack
		in. (mm)	in. (mm)	Lbs.	(kg)		
HDSP7A__	45	41 ³ / ₄ " (1060)	6 ⁵ / ₈ " (168)	11.7	(5.3)		HD2T7A__
HDSP7B__	45	41 ³ / ₄ " (1060)	14 ⁵ / ₈ " (371)	20.7	(9.4)		HD2T7B__
HDSP7C__	45	41 ³ / ₈ " (1051)	20 ¹ / ₄ " (514)	27.0	(12.2)		HD4S7C__, HD4T7C__
HDSP7D__	45	41 ³ / ₈ " (1051)	26 ¹ / ₄ " (641)	33.6	(15.2)		HD4S7D__, HD4T7D__
HDSP7E__	45	41 ³ / ₈ " (1051)	32 ¹ / ₄ " (819)	40.3	(18.3)		HD4S7E__, HD4T7E__
HDSP8A__	52	47 ³ / ₄ " (1213)	6 ⁵ / ₈ " (168)	17.3	(7.8)		HD2T8A__
HDSP8B__	52	47 ³ / ₄ " (1213)	14 ⁵ / ₈ " (371)	27.5	(12.4)		HD2T8B__
HDSP8C__	52	47 ³ / ₈ " (1203)	20 ¹ / ₄ " (514)	34.7	(15.7)		HD4S8C__, HD4T8C__
HDSP8D__	52	47 ³ / ₈ " (1203)	26 ¹ / ₄ " (641)	42.3	(19.2)		HD4S8D__, HD4T8D__
HDSP8E__	52	47 ³ / ₈ " (1203)	32 ¹ / ₄ " (819)	49.9	(22.6)		HD4S8E__, HD4T8E__

- 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

Air baffle



HDAB7BFB

**Cable management
rack system**



- A** HD2T7BFB (HDNR cable management rack)
- B** HDSP7BFB (HDNR side panel)
- C** HDAB7BFB (HDNR air baffle)

**Four post adjustable
rack system**



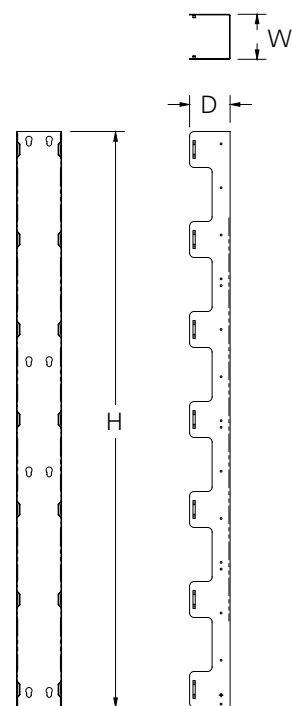
- D** HD4S7DFB (HDNR four post adjustable rack)
- E** HDSP7DFB (HDNR side panel, half)
- F** HDAB7DFB (HDNR air baffle)

Catalog Number	Fits HDNR Height of RMU	H Height in. (mm)	W Width in. (mm)	Weight Each lbs. (kg)	Compatible with HDNR Rack
HDAB7B __	45	38 ³ / ₄ " (984)	19 ¹ / ₈ " (168)	20.3 (9.2)	HD2T7B__
HDAB7C __	45	39 ¹ / ₂ " (1003)	20 ⁷ / ₁₆ " (519)	21.5 (9.7)	HD4S7C__, HD4T7C__
HDAB7D __	45	39 ¹ / ₂ " (1003)	26 ⁷ / ₁₆ " (671)	25.5 (11.5)	HD4S7D__, HD4T7D__
HDAB7E __	45	39 ¹ / ₂ " (1003)	32 ⁷ / ₁₆ " (824)	29.6 (13.4)	HD4S7E__, HD4T7E__
HDAB8B __	52	44 ³ / ₄ " (1136)	19 ¹ / ₈ " (168)	22.8 (10.3)	HD2T8B__
HDAB8C __	52	45 ¹ / ₂ " (1156)	20 ⁷ / ₁₆ " (519)	24.0 (10.9)	HD4S8C__, HD4T8C__
HDAB8D __	52	45 ¹ / ₂ " (1156)	26 ⁷ / ₁₆ " (671)	28.6 (13.0)	HD4S8D__, HD4T8D__
HDAB8E __	52	45 ¹ / ₂ " (1156)	32 ⁷ / ₁₆ " (824)	33.1 (15.0)	HD4S8E__, HD4T8E__

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



HDPDUFB

HDNR four post adjustable rack system



- A** HD4S7DFB (four post adjustable rack)
- B** HDPDUFB (ePDU mounting bracket)
- C** SBSMVBCKL Eaton VELCRO^{®†} strap
- D** Eaton G3 full-height ePDU

Catalog Number	Fits Rack Height of RMU	H Height		W Width		D Depth		Weight Each		# of ePDUs		Compatible with HDNR rack
		in.	(mm)	in.	(mm)	in.	(mm)	lbs.	(kg)	Half height	Full height	
HDPDU__	45 52	64"	(1625)	5"	(127)	4½"	(114)	15.1	(6.8)	4	2	Four Post Adjustable Rack

† Mark shown is property of respective owner.

HDNR cable management accessories

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)

Catalog Number	Length		Weight Per Kit		Compatible with HDNR rack
	in.	(mm)	lbs.	(kg)	
HDDOAFB	11½"	(292)	2.4	(1.09)	HD2T7A__, HD2T8A__
HDDOBFB	19½"	(495)	3.3	(1.49)	HD2T7B__, HD2T8B__
HDDOCFB	25¾"	(654)	3.9	(1.77)	HD4S7C__, HD4S8C__ HD4T7C__, HD4T8C__
HDDODFB	31¾"	(806)	4.5	(2.04)	HD4S7D__, HD4S8D__ HD4T7D__, HD4T8D__
HDDOEFB	37¾"	(959)	5.1	(2.45)	HD4S7E__, HD4S8E__ HD4T7E__, HD4T8E__



HDDODFB



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

Catalog Number	Max. height		Min. height		Weight per kit
	in.	(mm)	in.	(mm)	
HDRSK4__	6¾"	(171)	4"	(101)	3.3 (1.49)
HDRSK6__	10¾"	(273)	6"	(152)	3.9 (1.77)
HDRSK8__	14¾"	(374)	8"	(203)	4.5 (2.04)

Runway stand-off kit



HDRSK6FB



† 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

Catalog Number	Weight per kit	
	Lbs.	(kg)
HDCMB__	0.50	(0.22)



HDCMBFB



HDCMBFB



- A** HDCMBFBFB (Cable management bracket)
- B** HDVS710FB (High capacity vertical manager)
- C** SB86286S084FB (RCM+ low density vertical manager)

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)

Catalog Number	Weight Per Kit	
	Lbs.	(kg)
HDCSKFB	0.80	(0.36)



HDCSKFB



Eaton VELCRO®[†] Strap
(not included)

[†] Mark shown is property of respective owner.

Recommended HDNR configuration for common applications *

Cisco Catalyst®† Series (6500)

Switch	6503	6504	6506	6509	6513
Airflow	side/side	side/side	side/side	side/side	side/side
Cable Management Rack	HD2T7B__	HD2T7B__	HD2T7B__	HD2T7B__	HD2T7B__
Vertical Manager	HDVS76__	HDVS76__	HDVS76__	HDVS76__	HDVS76__
Air Baffle	HDAB7B__	HDAB7B__	HDAB7B__	HDAB7B__	HDAB7B__
Side Panel	HDSP7B__	HDSP7B__	HDSP7B__	HDSP7B__	HDSP7B__
Rack Drop-Out	HDD0BFB	HDD0BFB	HDD0BFB	HDD0BFB	HDD0BFB
ePDU Mounting Bracket	SB3010__ or SB3011__	SB3010__ or SB3011__	SB3010__ or SB3011__	SB3010__ or SB3011__	SB3010__ or SB3011__
Cable Strap Mounting Kit	HDCSKFB	HDCSKFB	HDCSKFB	HDCSKFB	HDCSKFB

Cisco Nexus®† Series (7000)

Switch	7004	7009	7010	7018
Four Post Adjustable Rack	HD4S7D__ or HD4T7D__	HD4S7D__ or HD4T7D__	HD4S7E__ or HD4T7E__	HD4S7E__ or HD4T7E__
Vertical Manager	HDV710__	HDV710__	HDV712__	HDV712__
Air Baffle	HDAB7D__	HDAB7D__	Not Required	HDAB7E__
Side Panel	HDSP7D__	HDSP7D__	HDSP7E__	HDSP7E__
Rack Drop-Out	HDD0BFB	HDD0BFB	HDD0BFB	HDD0BFB
ePDU Mounting Bracket	HDPDU	HDPDU	HDPDU	HDPDU
Cable Strap Mounting Kit	HDCSKFB	HDCSKFB	HDCSKFB	HDCSKFB

Cisco Nexus®† Series (7700)

Switch	7706	7710	7718
Four Post Adjustable Rack	HD4S7E__ or HD4T7E__	HD4S7E__ or HD4T7E__	HD4S7E__ or HD4T7E__
Vertical Manager	HDV710__	HDV712__	HDV712__
Side Panel	HDSP7E__	HDSP7E__	HDSP7E__
Rack Drop-Out	HDD0BFB	HDD0BFB	HDD0BFB
ePDU Mounting Bracket	HDPDU	HDPDU	HDPDU
Cable Strap Mounting Kit	HDCSKFB	HDCSKFB	HDCSKFB

High Density Patch Panel

Switch	7706
Cable Management Rack	HD2T7B__
Vertical Manager	HDV710__
Side Panel	HDSP7E__
Rack Drop-out	HDD0BFB
RCM† Extended Finger Horizontal Cable Manager	SB87019SX1__

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__ = Color (FB = Flat Black, EW = Eaton White)

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

† Mark shown is property of respective owner.

U.S. Customer Service Center is staffed Monday through Friday from 7 a.m. to 5 p.m. Central Standard Time.

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