High Density Network Rack (HDNR) system

Maximizing data center flexibility, density, and reliability

F·T·N

Powering Business Worldwide

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
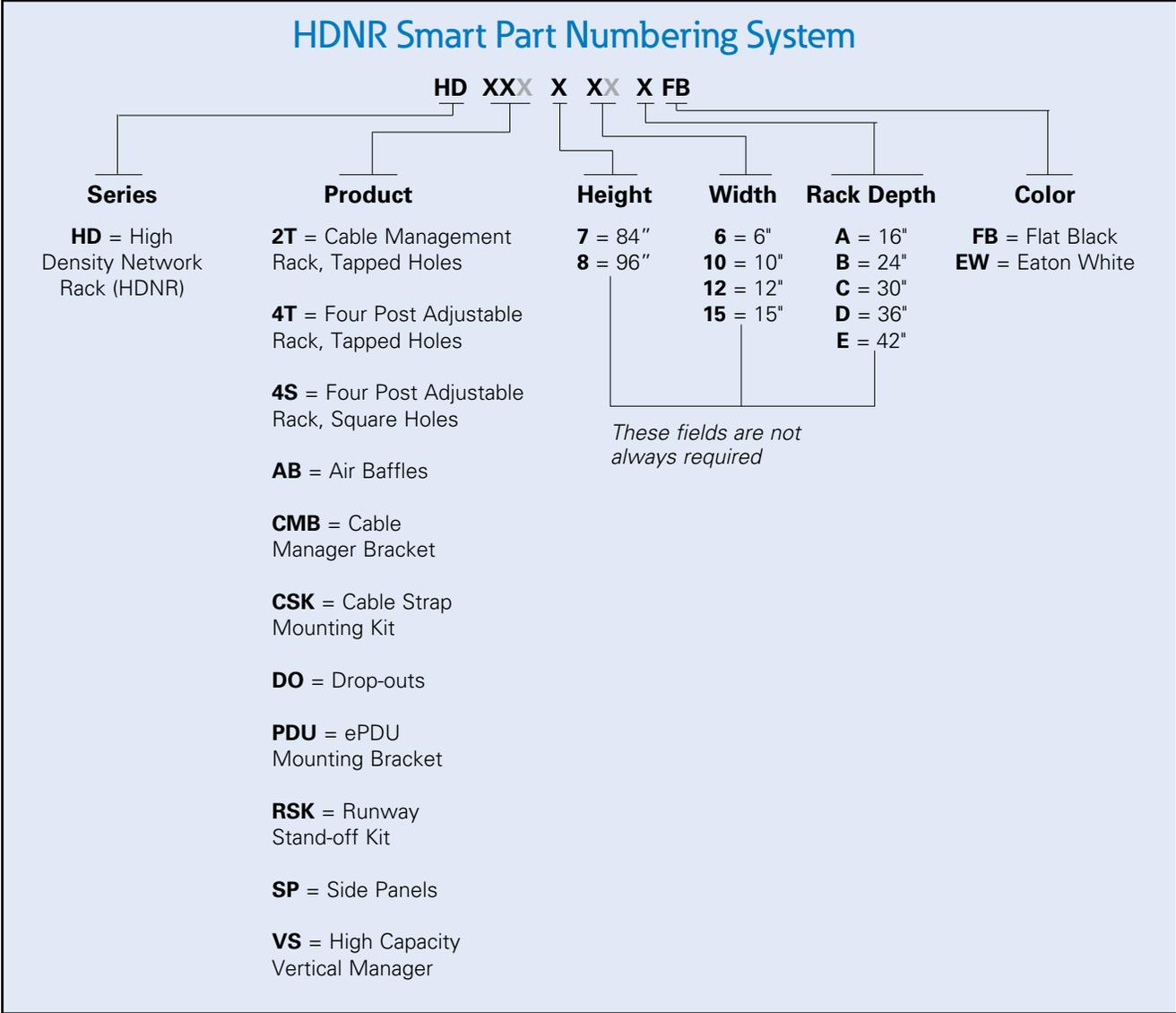- Sturdy and secure high capacity cable managers provide maximum support for network cabling

®† Mark shown is property of respective owner.

Four Post Adjustable Rack System

Cable Management Rack System

HDNR Smart Part Numbering System

HD XXX X XX X FB

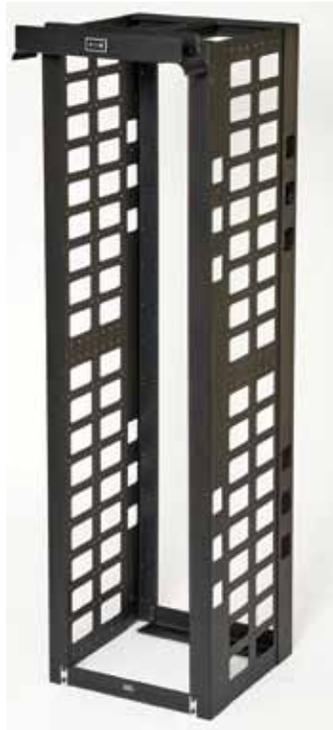| Series	Product	Height	Width	Rack Depth	Color
HD = High Density Network Rack (HDNR)	**2T** = Cable Management Rack, Tapped Holes	**7** = 84″ **8** = 96″	**6** = 6" **10** = 10" **12** = 12" **15** = 15"	**A** = 16" **B** = 24" **C** = 30" **D** = 36" **E** = 42"	**FB** = Flat Black **EW** = Eaton White
	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**

Overhead Drop-Outs

**Cable Strap
Mounting Kit**

**Cable Management
Bracket**

Runway Standoff Kit

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

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)
- 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: 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: SB8860ACSFB (see RCM⁺ catalog)
- Manages bend radius for cable bundles
- Compatible with HDNR and RCM⁺ vertical cable managers

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

† Mark shown is property of respective owner.

HDNR System

HDNR cable management rack system product overview

Front View

Rear View

Ⓐ 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

Ⓑ 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

Ⓒ 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

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

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

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

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

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

Ⓘ 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

Ⓙ 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

Ⓚ 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

Ⓛ 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

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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
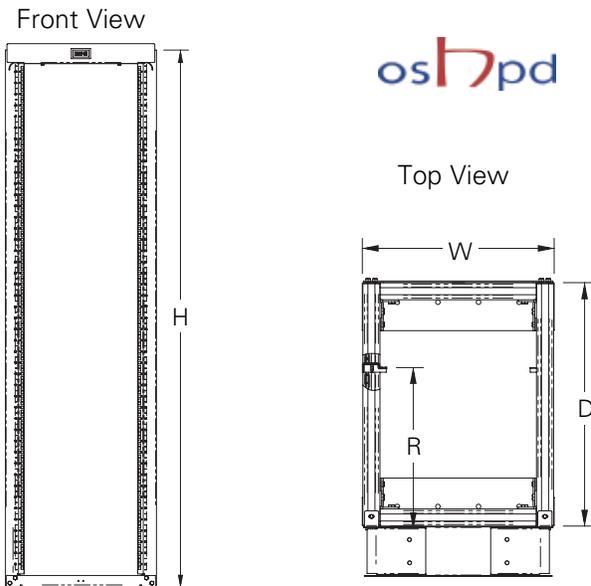- Perforated uprights accommodate side breathing equipment

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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
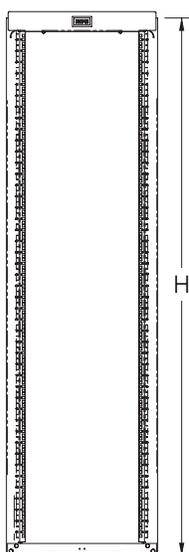- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat

Front View

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)	23⅝"	(600)	30"	(762)	23"	(584)	144.7	(65.6)
HD4S7D__	45	84"	(2134)	23⅝"	(600)	36"	(914)	29"	(736)	149.0	(67.6)
HD4S7E__	45	84"	(2134)	23⅝"	(600)	42"	(1067)	35"	(889)	153.3	(69.6)
HD4S8C__	52	96"	(2433)	23⅝"	(600)	30"	(762)	23"	(584)	158.2	(71.7)
HD4S8D__	52	96"	(2433)	23⅝"	(600)	36"	(914)	29"	(736)	162.5	(73.7)
HD4S8E__	52	96"	(2433)	23⅝"	(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
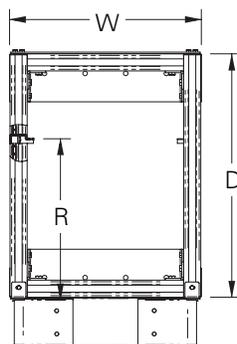- Finishes: Flat Black (FB) and Eaton White (EW) Powder Coat
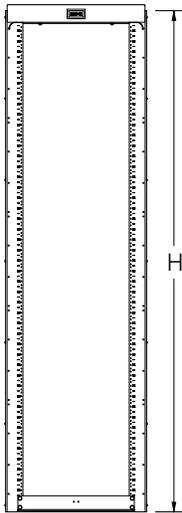
Front View

Top View

HD4T7DFB

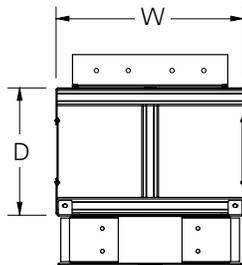| Catalog Number	RMU	H Height		W Max Outer Width		D Max Outer Depth		R Max Rail Depth		Weight Per Each	
		in.	(mm)	in.	(mm)	in.	(mm)	in.	(mm)	lbs.	(kg)
HD4T7C__	45	84"	(2134)	23⅝"	(600)	30"	(762)	23"	(584)	152.3	(69.1)
HD4T7D__	45	84"	(2134)	23⅝"	(600)	36"	(914)	29"	(736)	156.6	(71.0)
HD4T7E__	45	84"	(2134)	23⅝"	(600)	42"	(1067)	35"	(889)	160.9	(73.0)
HD4T8C__	52	96"	(2433)	23⅝"	(600)	30"	(762)	23"	(584)	167.0	(75.7)
HD4T8D__	52	96"	(2433)	23⅝"	(600)	36"	(914)	29"	(736)	171.3	(77.7)
HD4T8E__	52	96"	(2433)	23⅝"	(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
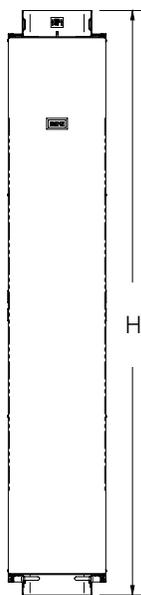
Front View

Top View

HD2T7BFB

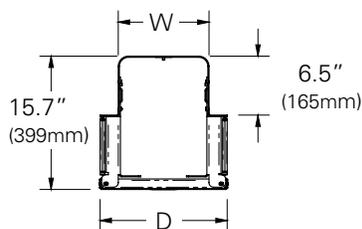| Catalog Number	RMU	H Height		W Max Outer Width		D Max Outer Depth		Weight Per Each	
		in.	(mm)	in.	(mm)	in.	(mm)	lbs.	(kg)
HD2T7A__	45	84"	(2134)	23⅝"	(600)	16"	(406)	76.8	(34.8)
HD2T7B__	45	84"	(2134)	23⅝"	(600)	24"	(609)	86.2	(39.1)
HD2T8A__	52	96"	(2433)	23⅝"	(600)	16"	(406)	84.4	(38.3)
HD2T8B__	52	96"	(2433)	23⅝"	(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
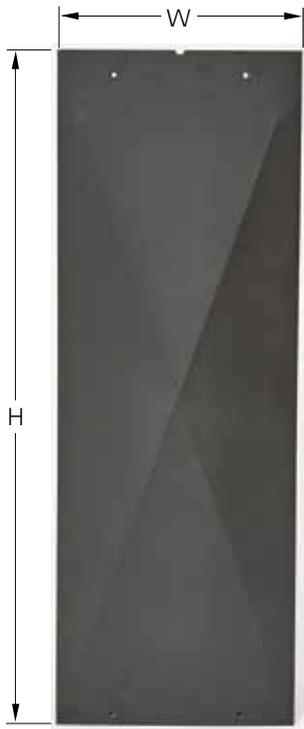
Front View

Top View

15.7″ (399mm) W 6.5″ (165mm) D

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)

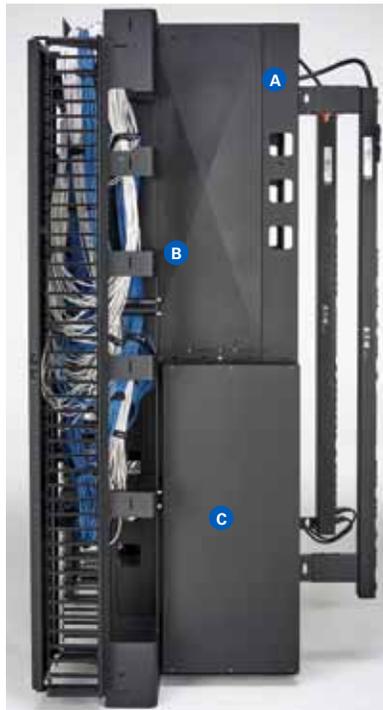# HDNR System

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 cystem

- **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)	Lbs.	(kg)	
HDSP7A__	45	41¾" (1060)		6⅝"	(168)	11.7	(5.3)	HD2T7A__
HDSP7B __	45	41¾" (1060)		14⅝"	(371)	20.7	(9.4)	HD2T7B__
HDSP7C __	45	41⅜" (1051)		20¼"	(514)	27.0	(12.2)	HD4S7C__, HD4T7C__
HDSP7D __	45	41⅜" (1051)		26¼"	(641)	33.6	(15.2)	HD4S7D__, HD4T7D__
HDSP7E __	45	41⅜" (1051)		32¼"	(819)	40.3	(18.3)	HD4S7E__, HD4T7E__
HDSP8A __	52	47¾" (1213)		6⅝"	(168)	17.3	(7.8)	HD2T8A__
HDSP8B __	52	47¾" (1213)		14⅝"	(371)	27.5	(12.4)	HD2T8B__
HDSP8C __	52	47⅜" (1203)		20¼"	(514)	34.7	(15.7)	HD4S8C__, HD4T8C__
HDSP8D __	52	47⅜" (1203)		26¼"	(641)	42.3	(19.2)	HD4S8D__, HD4T8D__
HDSP8E __	52	47⅜" (1203)		32¼"	(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

Cable management rack system

Four post adjustable rack system

HDAB7BFB

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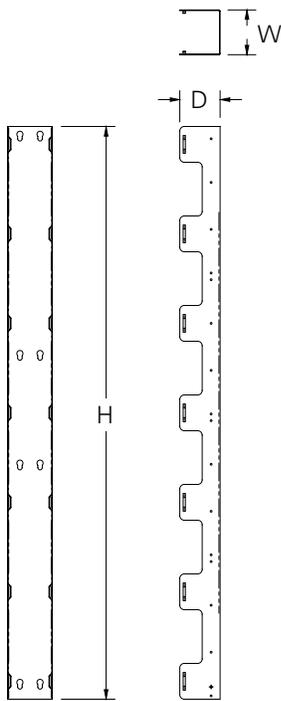B HDSP7BFB (HDNR side panel)
C HDAB7BFB (HDNR air baffle)

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		W Width		Weight Each		Compatible with HDNR Rack
		in.	(mm)	in.	(mm)	lbs.	(kg)	
HDAB7B __	45	38¾"	(984)	19⅛"	(168)	20.3	(9.2)	HD2T7B__
HDAB7C __	45	39½"	(1003)	20⁷/₁₆"	(519)	21.5	(9.7)	HD4S7C__, HD4T7C__
HDAB7D __	45	39½"	(1003)	26⁷/₁₆"	(671)	25.5	(11.5)	HD4S7D__, HD4T7D__
HDAB7E __	45	39½"	(1003)	32⁷/₁₆"	(824)	29.6	(13.4)	HD4S7E__, HD4T7E__
HDAB8B __	52	44¾"	(1136)	19⅛"	(168)	22.8	(10.3)	HD2T8B__
HDAB8C __	52	45½"	(1156)	20⁷/₁₆"	(519)	24.0	(10.9)	HD4S8C__, HD4T8C__
HDAB8D __	52	45½"	(1156)	26⁷/₁₆"	(671)	28.6	(13.0)	HD4S8D__, HD4T8D__
HDAB8E __	52	45½"	(1156)	32⁷/₁₆"	(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

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)

HDDODFB

Catalog Number	Length in.	Length (mm)	Weight Per Kit lbs.	Weight Per Kit (kg)	Compatible with HDNR rack
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__

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

Runway stand-off kit

HDRSK6FB

Catalog Number	Max. height in.	Max. height (mm)	Min. height in.	Min. height (mm)	Weight per kit lbs.	Weight per kit (kg)
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)

† 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	HDDOBFB	HDDOBFB	HDDOBFB	HDDOBFB	HDDOBFB
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	HDDOBFB	HDDOBFB	HDDOBFB	HDDOBFB
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	HDDOBFB	HDDOBFB	HDDOBFB
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	HDDOBFB
RCM+ Extended Finger Horizontal Cable Manager	SB87019SX1__

NOTICE

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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.

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

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