

Data Center Racks

Maximum Protection for Core Data Center Equipment

Overview

The Amphenol Network Solutions Data Center Rack is the ultimate rack solution for core data center equipment. Amphenol data center racks provide a seismic certified, highly durable and versatile platform for mounting equipment such as servers, routers, batteries and other crucial network components.

The data center rack features enhanced durability and the ability to hold a broad range of network equipment. Each rack is independently Zone 4 certified to hold up to 2,000 lbs. and 1,250 lbs. of network equipment. Battery shelves are also compatible, making the rack ideal for core equipment or as a heavy-duty battery rack.



Data Center equipment rack with cable management installed

Key Benefits

- Zone 4 certified to 2,000 lbs. and 1,250 lbs. — NEBS 6R-63-Core Level 3 certified
- Highly versatile – can be used for core equipment such as servers and routers; also accommodates battery shelves for use as a heavy-duty battery rack
- Adjustable front and rear rails for flexible equipment mounting in a variety of environments
- Robust design ensures reliable long-term performance
- Compatible with all standard rack-mount equipment
- Wide range of cable management options

Applications

- Core data center equipment — servers, routers, etc.

See more racks, rack accessories, cabinets, superstructure and other layer one infrastructure at amphenol-ns.com.



Side view of Data Center non-seismic equipment rack

Specifications

Data Center Equipment Rack	
Certification	2,000 lbs. (907 kg) 1,250 lbs. (567 kg)
Physical Specs, Rack for 23" Equipment Mtg.	(711 mm x 914 mm x 2134 mm) 98 lbs. (44 kg) – 380 lbs. (204 kg) *Additional sizes available
Physical Specs, Rack for 19" Equipment Mtg.	24" W x 42" D x 84" H (610 mm x 914 mm x 2134 mm) 90 lbs. (41 kg) – 340 lbs. (154 kg) *Additional sizes available
Hole spacing	EIA Wide RMU = $\frac{3}{4}$ " ($\frac{1}{2}$ ", 1- $\frac{1}{4}$ "), 44RU EIA Narrow RMU = 1- $\frac{3}{4}$ " ($\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{5}{8}$ "), 44RU RU Universal RMU = $\frac{1}{2}$ ", $\frac{1}{2}$ ", $\frac{1}{2}$ ", 44RU
Color	Black
Compliance	GR-63-CORE, NEBS compliant

Order Information

Racks	Part Number
Data Rack 2000# 42" D 28" W 84" H	DR2000-84842
Data Rack 2000# 36" D 28" W 84" H	DR2000-84836
Data Rack 2000# 30" D 28" W 84" H	DR2000-84830
Data Rack 2000# 24" D 28" W 84" H	DR2000-84824
Data Rack 2000# 42" D 24" W 84" H	DR2000-84442
Data Rack 2000# 36" D 24" W 84" H	DR2000-84436
Data Rack 2000# 30" D 24" W 84" H	DR2000-84430
Data Rack 2000# 24" D 24" W 84" H	DR2000-84424
Data Rack 1250# 42" D 28" W 84" H	DR1250-84842
Data Rack 1250# 36" D 28" W 84" H	DR1250-84836
Data Rack 1250# 30" D 28" W 84" H	DR1250-84830
Data Rack 1250# 24" D 28" W 84" H	DR1250-84824
Data Rack 1250# 42" D 24" W 84" H	DR1250-84442
Data Rack 1250# 36" D 24" W 84" H	DR1250-84436
Data Rack 1250# 30" D 24" W 84" H	DR1250-84430
Data Rack 1250# 24" D 24" W 84" H	DR1250-84424
Data Rack 42" D 28" W 84" H	DR-84842
Data Rack 36" D 28" W 84" H	DR-84836
Data Rack 30" D 28" W 84" H	DR-84830
Data Rack 24" D 28" W 84" H	DR-84824

Racks	Part Number
Data Rack 42" D 24" W 84" H	DR-84442
Data Rack 36" D 24" W 84" H	DR-84436
Data Rack 30" D 24" W 84" H	DR-84430
Data Rack 24" D 24" W 84" H	DR-84424
Accessories	Part Number
Isolation Pad 24" W x 42" D	DRISO-2442
Isolation Pad 28" W x 42" D	DRISO-2842
Isolation Pad 24" W x 36" D	DRISO-2436
Isolation Pad 28" W x 36" D	DRISO-2836
Isolation Pad 24" W x 30" D	DRISO-2430
Isolation Pad 28" W x 30" D	DRISO-2830
Isolation Pad 24" W x 24" D	DRISO-2424
Isolation Pad 28" W x 24" D	DRISO-2824
Data Rack Top Cap 24"	DR-TC24
Data Rack Top Cap 28"	DR-TC28
Data Rack Top Cap Center Label Holder	DR-TCC
Data Rack Top Cap Border (Qty. 2)	DR-TCB
Black Perforated Door 24" W x 84" H	DCR-24D
Black Perforated Dual Door 24" W x 84" H	DCR-24DD

Order Information, Cont.

Accessories	Part Number
Black Perforated Door 28" W x 84" H	DCR-28D
Black Perforated Dual Door 28" W x 84" H	DCR-28DD
Mounting Rails 44RU Cage Nut Zinc Plated EIA-D, Qty. 2 23"-19"	DR-MRCGP-A
Mounting Rails 44RU 12-24 Tapped Zinc Plated EIA-D, Qty. 2 23"-19"	DR-MRGP-A
Mounting Rails 44RU 12-24 EIA-D, Qty. 2 23"-19"	DR-MRG-A
AC Power Bracket	DRMR-AC
AC Power Bracket Dual	DRMR-ACD
Ganging Hardware	DR-GANG
Mounting Rails 44RU Cage Nut Zinc Plated EIA-D Qty. 2	DR-MRCGP
Mounting Rails 44RU 12-24 Tapped Zinc Plated EIA-D, Qty. 2	DR-MRGP
Mounting Rails 44RU Cage Nut EIA-D, Qty. 2	DR-MRCG
Mounting Rails 44RU 12-24 EIA-D, Qty. 2	DR-MRG
Adjustable Cable Manager 6" Front & Rear only	ACCE-DR6
Adjustable Cable Manager 10" Front & Rear only	ACCE-DR10
Cable Manager 6" Trough 24"-30" w/HW, Qty. 2	ACCE-DR6TS
Cable Manager 10" Trough 24"-30" w/HW, Qty. 2	ACCE-DR10TS
Cable Manager 6" Trough 36"-42" w/HW, Qty. 2	ACCE-DR6TD
Cable Manager 10" Trough 36"-42" w/HW, Qty. 2	ACCE-DR10TD
End Panel 42" D x 84" H	DREP-42
End Panel 36" D x 84" H	DREP-36
End Panel 30" D x 84" H	DREP-30
End Panel 24" D x 84" H	DREP-24
Mounting Rail EIA D CN/12-24	DR-MRGCTZ
Mounting Rail EIA D 12-24/12-24	DR-MRGTTZ
Mounting Rail EIA D 12-24 Plated	DR-MRGCTZP
Mounting Rail EIA D 12-24/12-24 Plated	DR-MRGTTZP
Black Perforated Dual Door 28" W x 84" H	DCR-28DD

Accessories	Part Number
Mounting Rails 44RU Cage Nut Zinc Plated EIA-D, Qty. 2 23"-19"	DR-MRCGP-A
Mounting Rails 44RU 12-24 Tapped Zinc Plated EIA-D, Qty. 2 23"-19"	DR-MRGP-A
Mounting Rails 44RU Cage Nut EIA-D, Qty. 2 23"-19"	DR-MRCG-A
Mounting Rails 44RU 12-24 EIA-D, Qty. 2 23"-19"	DR-MRG-A
AC Power Bracket	DRMR-AC
AC Power Bracket Dual	DRMR-ACD
Ganging Hardware	DR-GANG
Mounting Rails 44RU Cage Nut Zinc Plated EIA-D Qty. 2	DR-MRCGP
Mounting Rails 44RU 12-24 Tapped Zinc Plated EIA-D, Qty. 2	DR-MRGP
Mounting Rails 44RU Cage Nut EIA-D, Qty. 2	DR-MRCG
Mounting Rails 44RU 12-24 EIA-D, Qty. 2	DR-MRG
Adjustable Cable Manager 6" Front & Rear only	ACCE-DR6
Adjustable Cable Manager 10" Front & Rear only	ACCE-DR10
Cable Manager 6" Trough 24"-30" w/HW, Qty. 2	ACCE-DR6TS
Cable Manager 10" Trough 24"-30" w/HW, Qty. 2	ACCE-DR10TS
Cable Manager 6" Trough 36"-42" w/HW, Qty. 2	ACCE-DR6TD
Cable Manager 10" Trough 36"-42" w/HW, Qty. 2	ACCE-DR10TD
End Panel 42" D x 84" H	DREP-42
End Panel 36" D x 84" H	DREP-36
End Panel 30" D x 84" H	DREP-30
End Panel 24" D x 84" H	DREP-24
Mounting Rail EIA D CN/12-24	DR-MRGCTZ
Mounting Rail EIA D 12-24/12-24	DR-MRGTTZ
Mounting Rail EIA D 12-24 Plated	DR-MRGCTZP
Mounting Rail EIA D 12-24/12-24 Plated	DR-MRGTTZP
Isolation Pad 6" W x 6" D for ACCE-DR6	ACCE-DR6ISO
Isolation Pad 10" W x 6" D for ACCE-DR10	ACCE-DR10ISO

Order Information, Cont.

Accessories	Part Number
Horizontal Ground Bar 19"	DR-HGB-19
Horizontal Ground Bar 23"	DR-HGB-23
Seismic Anchor	DR-ANCS
Cage Nut, Qty. 50	DR-CN50
Cage Nut, Qty. 100	DR-CN100
12-24 Mounting Screws, Qty. 50	04500-50
12-24 Mounting Screws, Qty. 100	04500-100
Cabinet Duct Spacer 1.5"	DR-CDS