

DCF Optimized Rack System

A Flexible Foundation For Infrastructure Support



DCF Optimized Rack System: Optimized Design, Optimized Delivery, Optimized Value

A Rack System Designed to Meet The Challenges Your Data Center Faces Today

Your mission-critical networks are carrying an ever-increasing amount of voice, data and video. Looming on the horizon is a critical mass of VoIP, high speed access, wireless applications and increasing demand for blade server deployment.

The DCF optimized rack system from Emerson Network Power integrates your computing hardware, power management technologies and peripherals in your data center. It gives superior design and flexibility, allowing optimal data center equipment performance and easy installation.



DCF Optimized Rack Systems offer these advantages:

Flexibility:

- Available in eight standard sizes, to meet site needs
- Compatible with Emerson Network Power Rack PDUs, Liebert rackmount UPS and Aisle Containment — all from a single source
- Factory installation of rack PDUs, for fast deployment
- Tool-less accessories simplify cable management, airflow management and component mounting
- Static load capacity up to 3,000 lbs / 1,363 kg
- Simple integration of power, cooling and monitoring equipment

Higher Availability:

- 75% front and rear door perforation provides maximum airflow to internal equipment
- Easy access to and management of equipment
- Front and rear locks for security
- Fast on-site deployment

Lowest Total Cost of Ownership:

- Easy installation saves time and money: lift off hinges, dual side panels, 19" rail adjustment, U markings on 19" rails, low profile casters, tool-less accessories
- Excellent value for features, durability and price
- Integral part of the total data center solutions from Emerson Network Power saves time and money on configuration and integration

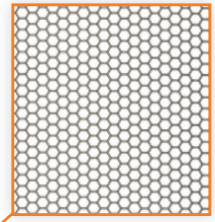
Improve Data Center Efficiency With A Solid Foundation



Roof Top Ready for Cabling
Removable opening for cable entry — ready for front/rear/side cabling. Can accommodate over 2500 Cat 5e cables.



75% Perforation On Doors
Optimal door perforation allows greater airflow through the cabinet, reducing heat buildup.



Welded Steel Construction



Tool-less Cable Management
requires just inserting and twisting the tool-less accessories on 19" vertical mounting rail.



Split, Locking Side Panels
For quick and easy installation and security.



Integrated 19" rail alignment.
Insures 19" rails are positioned correctly without measuring.



Height of 42U Rack With Low Caster
42U rack height and low profile casters enable easy access through a standard doorway.

Specifications – DCF Rack

U	Height mm (in)	Width mm (in)	Depth mm (in)
42	2000 (78.1")	600 (23.6")	1000 (39.3")
42	2000 (78.1")	600 (23.6")	1100 (43.3")
42	2000 (78.1")	600 (23.6")	1200 (47.2")
42	2000 (78.1")	800 (31.4")	1000 (39.3")
42	2000 (78.1")	800 (31.4")	1100 (43.3")
42	2000 (78.1")	800 (31.4")	1200 (47.2")

U	Height mm (in)	Width mm (in)	Depth mm (in)
48	2200 (86.6")	600 (23.6")	1000 (39.3")
48	2200 (86.6")	600 (23.6")	1100 (43.3")
48	2200 (86.6")	600 (23.6")	1200 (47.2")
48	2200 (86.6")	800 (31.4")	1000 (39.3")
48	2200 (86.6")	800 (31.4")	1100 (43.3")
48	2200 (86.6")	800 (31.4")	1200 (47.2")

Door Perforation Rate – 75%

Material and Coating – welded steel frame, powder coating for rack surface, RAL 7021 black

Static Load Capacity – Up to 3,000 lbs / 1,363 kg

Standard Compliance – (19") rack mount equipment, EIA310E

Environmental Compliance – RoHS

Total Rack Solutions From Emerson Network Power

A broad choice of racks and enclosures to fit every application and budget

DCF and DCM rack systems are a part of the Emerson Network Power portfolio of Infrastructure Management solutions that can provide business-critical continuity for data centers of any size.

The DCF optimized rack system is a cost-effective, pre-engineered rack for general data center needs. The optimized features, delivery and pricing make this rack a great value for most IT

needs. Available in industry-standard sizes, the DCF rack system also offers many tool-less options to enhance cable management and airflow.

The DCM modular rack system provides a wide variety of features and customizable options to suit unique data center needs. It offers all the advanced features and innovative flexibility required to accommodate today's dense and complex IT systems and network gear. The DCM rack system is ideal for users who require specific configurations, non-standard sizes, system integration and factory installed components.

Standard features:

- Single perforated locking front door
- Split rear door, locking
- Split side panels, locking
- High density cable entry roof (2500+ Cat 5 cables)
- Low profile caster and leveling feet
- 2 sets 19" EIA rails
- 2 full height rack PDU/cable management brackets
- Hardware kit (Qty 50 M6 cage nuts and screws)
- Bolt down brackets
- Keys
- Central grounding point
- Tool-less accessories available

Locations

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The global leader in enabling *Business-Critical Continuity™*.

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