BROCADE CABINET

STORAGE AREA NETWORK

Regain Control of Space Demands in the Data Center

EVERY BROCADE SOLUTION OFFERS THESE IMPORTANT ADVANTAGES:

- Compatibility proven in our Systems Integration Lab
- Education and training built on experience
- Proven methodology for building scalable solutions
- Complete family of enterprise solutions
- Collaborative partnerships with leading companies

THE BROCADE CABINET SUPPORTS:

- All standard EIA equipment
- Overhead raceway or raised-floor configurations
- Next generation Brocade equipment with its "future-proof" design
- High availability, distributed or UPS power systems with dual power cords
- Controlled movement with two fixed and two rotating casters
- Uneven floors with leveling feet that are removable for earthquake kit mounts
- Space optimization by being only a single floor tile in width
- Optional integrated SAN management platform (FC-512M)

With the needs for storage solutions growing at breakneck speeds, data center facilities are maximizing existing floor space and managing ever greater number of cables using the Brocade Cabinet.

The Brocade® Cabinet supports internal cable management for 512 Fibre Channel cables and provides 39U of vertical space while occupying only one tile width (24") of valuable floor space. Its sleek, industrial design provides maximum airflow, security and visibility of equipment, while the 22-inch door promotes easy access. The Brocade Cabinet comes complete with 28 individual user power connections or 14 dual power connections with independent supply lines to support high-availability equipment. In addition to the standard features, an integrated SAN management, performance and diagnostics platform for SAN fabric applications is a package option.

MAXIMIZING SAN INVESTMENTS

Brocade and its partners offer complete SAN solutions to meet a wide range of technology and business requirements. These solutions include education and training, support, service, and professional services to help optimize SAN investments. For more information, contact an authorized Brocade sales partner or visit www.brocade.com.

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BROCADE CABINET SPECIFICATIONS

Two Configurations	
The Management configuration (Part number 512M) includes:	
Brocade EFCM software providing a fabric-wide view of the entire storage network allowing IT administrators to monitor and control all switched enterprise components from a single remote or local console.	
All contained in the IU server.	
EFC IU server includes: - Integrated international modem for call home - Integrated CD-RW and backup software for configuration backups	
Modem for call-home support - Ethernet hub, 24-port, 10/100 Base-T (IU) - Power distribution package (28 single connections or 14 with dual independent power distribution)	
One product can manage up to three expansion cabinets of equipment.	
The Expansion configuration (Part number FC-512E) includes:	
Ethernet hub, 28-port, 10/100 Base-T	
Power distribution package (24 single connections or 14 with dual independent power distribution)	
Regulatory Specifications	UL, TUV, CA
Power	
(Operating)	200 to 240 VAC
	30 AMP service
	28 individual power
	Connections
	4 individual 15A IEC 320 C13
	power connections
	Dual power distribution
Power Plugs – Dual	
Feature # 1062	NEMA L6-30P (North America) Single Phase
Feature # 1060	IEC 60309 (International) Single Phase
Plug Conversion Kits – Dual	
Feature # 1063	NEMA L6-30P (North America) Single Phase
Feature # 1061	IEC 60309 (International) Single Phase
For more detail on plugs and recepticles, please go to http://www.brocade.com/downloads/tpub/uinstruction/fabricenter_plugs.pdf	
Rack Mount Space	39U, 68.25" (173.35 cm), EIA Standard
Fibre Channel Cables	512
Physical Specifications	
Dimensions	24"W x 42"D x 74"H 66 cm W x 106.7cm D x 188 cm H
Weight (cabinet only)	374 lbs., 169.6 kg
Service Clearance	36" front and back
Shipping Dimensions	37"W x 48"D x 84"H 94 cmW x 122 cmD x 213.4 cmH
Shipping Weight	(cabinet only): 450 lbs., 204 kg
Brocade product heights and power connection requirements are listed below. Any combination of products is possible within the cabinet's capacity of 39U of space, 28 power connections, or total current draw of 24* amps.	
*While the connection to site power is a 30-amp connection, the current capacity is derated as part of standard agency certifications.	

Product	U Height	Power Connections	Amps @ 208V
Brocade M6140 Director	12.0U	2	4.2
Brocade M6064 Director	9.0U	2	2.0
Brocade M4500 Switch	1.0U	2	0.7
Brocade M4300 Switch	1.0U	1	0.4
Brocade M3232 Switch	1.5U	2	1.3
Brocade M4400 Switch	1.0U	2	0.17
Brocade M4700 Switch	1.0U	2	0.315
IPS 4300	1.0U	2	1.5
IPS 3300	2.0U	2	1.2
Brocade M1620	1.0U	2	0.7
Brocade M2640	1.0U	2	0.96

* While the connection to site power is a 30-amp connection, the current capacity is derated as part of standard agency certifications.

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