



EMCON 37 RU EMI Shielded Cabinet

EMCON's EMI Shielded cabinets provide the shielding effectiveness required by users deploying computer and networking equipment in secure environments.

The cabinets feature an easy-closing door with leveraged latching mechanism, lifting eyes and an anti-tip design.

Specifications

Construction	Aluminum/Steel
Mounting Space	37 RU
Front mounting rails	Fixed
Rear mounting rails	Fixed, 30" spacing from front rails
Maximum Equipment Depth	32.0"
Heat Dissipation	15,000 BTU per hour Managed air flow Filtered air intake on rear Air exhaust on top
Accessibility	Pull out rack
Cable Management	Internal cable management system including fibre patch panel, connector type to be specified
Environmental Monitoring System	Door Closure Temperature May be remotely monitored over Ethernet
Interfaces	
Configurations	SC, ST, LC fibre connectors
Power	2 x 30 amp @220 VAC, filtered
Fibre optic waveguide assembly x 2	3 x 0.50 holes per waveguide Able to pass pre-terminated 'zip' cords Able to install pre-terminated multi-core cables (.5" diameter maximum)

Attenuation

E-field	Minimum 80 dB attenuation from 1 MHz to 1 GHz
Power line	Minimum 80 dB attenuation from 100 kHz to 1 GHz

Power Cords and Bars

Cords	2 x 30 amp power cords, NEMA 6-30R plugs
Bars	2 x 20 amp power bars, 12 outlets

Dimensions and Weights (including plinth and levelers)

Height	211.79 cm (83.38 in.)
Width	113.03 cm (44.50 in.)
Depth	84.45 cm (33.25 in.)
Weight	284 kg (625 lb.) approx.

Maximum

Equipment Weight	455 kg (1,000 lb). Four casters, rated 500 lb. load each Four leveling feet, rated 700lb. load each
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Options

- Additional fibre optic waveguide assembly
- Fibre optic cable assemblies

Warranty

Three-year, parts and labour

EMCON's EMI cabinets are individually tested by a Certified TEMPEST Professional (CTP) for shielding effectiveness. A shielding effectiveness test report is a deliverable with every unit.

With customer-supplied equipment, these cabinets can be certified to NSTISSAM TEMPEST/1-92, Level I; CID09/15A, Level I; and SDIP-27 Level A (providing the equipment and associated systems are installed to the requirements identified in SDIP-29).

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