



## EMCON 16 RU EMI Shielded Cabinet

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

### Specifications

<b>Construction</b>	Aluminum
<b>Mounting Space</b>	16 RU
Front mounting rails	Fixed
Rear mounting rails	Adjustable, 24" to 30" spacing from front rails
<b>Heat Dissipation</b>	4000 BTU per hour min.
<b>Airflow</b>	Front to back
<b>Accessibility</b>	
Front door	Full height
Rear door	Full height
<b>Interfaces</b>	
Power	2 x 20 amp, 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) 3 x DE cutouts (video, keyboard and mouse) 3 x DB cutouts (RS530)
Other	
<b>Attenuation</b>	
E-field	Minimum 60 dB attenuation from 1 MHz to 1 GHz
Power line	Minimum 60 dB attenuation from 100 kHz to 1 GHz

### Power Cords and Bars

<b>Cords</b>	2 x 20 amp power cords, 10 feet long Note: plug type to be specified
<b>Bars</b>	2 x 20 amp power bars, 6 outlet

### Dimensions and Weights (including plinth and levelers)

Height	91.5 cm (36.0 in.)
Width	76.2 cm (30.0 in.)
Depth	106.7 cm (42.0 in.)
Weight	68.2 kg (150 lb.) approx.

### Maximum

<b>Equipment Weight</b>	227.3 kg (500 lb.)
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### Options

- 4 RU unshielded base expansion unit to hold uninterruptible power supply (UPS)

### 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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