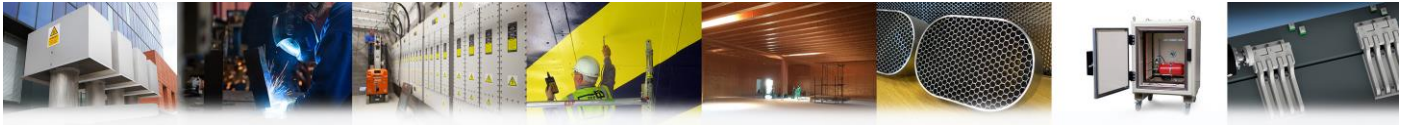


RF Shielded Cabinets



European EMC Products

Product Datasheet



European EMC Products Radio Frequency (RF) Shielded Cabinets are designed to offer high levels of shielding attenuation typically for EMPP (Electromagnetic Pulse Protection) or TEMPEST requirements.

All cabinets are built to specific end users' requirements and as such can include features such as power, telecoms and data filtering, ventilation, power distribution systems and thermal insulation. Additional extras such as racking for the mounting of internal equipment, shock mounts and / or wheels can also be accommodated.

The cabinets are manufactured using 2mm thick galvanised steel sheet to ensure maximum shielding performance and corrosion resistance.

RF Performance (Standard)

Magnetic Field: 60 dB at 10 kHz to 100 dB at 100 kHz

Electric Field: 100 dB from 1kHz to 1GHz

Plane Wave: 100 dB from 1 GHz to 10 GHz

*Upper and lower frequency performance can be extended if required.

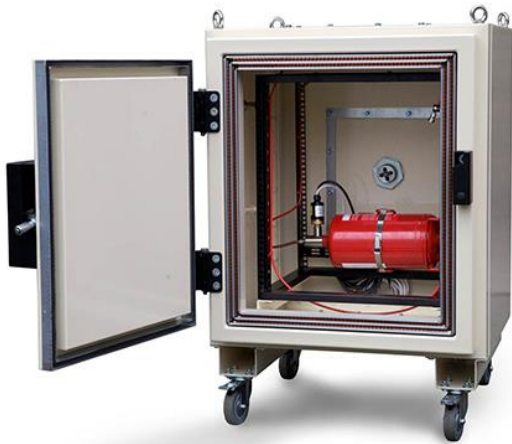


All EEP shielded cabinets and power filters meet **Mil Std 188-125**. This standard establishes minimum requirements and design objectives for high-altitude electromagnetic pulse (HEMP) hardening of fixed and transportable ground-based facilities which perform critical, time-urgent command, control, communications, computer, and intelligence (C41) functions.



RF Shielded Cabinets

Our expertise in this area means we can offer a cost effective, custom made solution for EMP & RF protection of individual & multiple pieces of equipment.



About Us

Established in 1996, European EMC Products (EEP) are an established British company whose experience and understanding of the science of shielding makes it an ideal partner in whom you can place your trust with confidence. The purpose of installing EEP shielding systems is to protect people and equipment against the threats posed by electromagnetic and radio frequency (RF) interference, radiation, magnetic fields and electromagnetic pulses. Our diverse range of turnkey products and services, including design, project management, testing and consultancy are delivered across multiple sectors to an international client base.

Quality

European EMC Products Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, assembly, installation, servicing and testing of RF Shielded Structures and equipment including EMI Shielding, Blast Doors, Gas Tight Doors and specialised mobile Electromagnetic Pulse Protection (EMPP) containers.

Radio Frequency, Magnetic Shielding and Quench systems for MRI (Magnetic Resonance Imaging) scanners.

The design, assembly and installation of Ionising Radiation Protection facilities.

The design, manufacture and installation of LED lighting systems for medical applications.

EEP Filters Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, manufacture, management of installation and testing of high performance EMC and EMP Power and Data Line Filters.

Disclaimer

NB: All the information provided within this datasheet is for reference only. Product specifications are subject to change without notice.