

MODULAR STEEL SHIELDED TRUNKING**GLOBAL EMC SYSTEM 7000**

Global EMC have developed a modular versatile shielded trunking system for cable systems. The modules have an access port with conductive continuity seals (Beryllium copper) for access, maintenance and re-work. This system replaces cable tray.

High frequency (**RFI/EMI**) and magnetic field (**VLF/ELF**) versions are available.

GENERAL

- » Standard sections are 200mm x 200mm but larger/smaller sections are available.
- » Internal unistrut (or similar) cable tie down bars can be integrated on the trunking inner surface.
- » Centering and spacer system are available.
- » Both **RFI/EMI** & **VLF/ELF** systems can be used in vertical & horizontal (and even diagonal) applications.
- » Standard access hatches have a 400mm x 100mm free opening size, specials are available.
- » Wall/ceiling/floor mount brackets are available

RFI/EMI APPLICATIONS

- » Bolt together 3mm thick flanges and a twin wire mesh gasket for **RFI/EMI** applications.
- » For **RFI/EMI** (10KHz~40GHz) the section wall is made from 2mm steel.

VLF/ELF MAGNETIC FIELD APPLICATIONS

- » For **VLF/ELF** (30HZ~3KHz~40GHz) the wall construction is made from 3mm thick high permeability steel.
- » For pure **VLF/ELF** 30Hz~3KHz applications a 6mm thick machined flat flange is used on the joint interfaces.
- » For **VLF/ELF** twin knives are used on the access hatches, this is to augment the flow of magnetic flux.

