



APPLICATION

Cubic Wall Enclosures are designed for indoor and outdoor applications, where floor space is limited, or when wall-mounting would be beneficial. The enclosures are suitable for a wide range of applications, including housing termination / patch panels for routing cabling within a communications / data network, or in more industrially orientated installations, for housing control equipment linked to continuous process machines. The latter units typically require RFI screening to protect the equipment from emissions generated by the manufacturing process. A glass door enables LED's or monitors to be viewed without opening the unit.

CONSTRUCTION

Standard sizes are available to suit most equipment configurations, and RFI shielding capability enables screening from emissions and immunity to prevent conflict with other equipment. The extensive choice of sizes makes it easy for equipment manufacturers to build product families sharing a uniform appearance and image. All paneling is trapped within the extrusion by an IP55 environmental rubber seal, which prevents rattling.

UPGRADEABLE EMC SCREENING

The EMC screening is achieved through gaskets fitted in-board of the IP seals. The gaskets are therefore protected from any moisture contamination. The level of screening can be increased by reducing the interval between each gasket, so finely tuned screening levels can be achieved without incurring the costs of unwanted higher performance. The screening level achieved is 40dB from 100MHz up to 500MHz.

DUST AND SPLASHPROOFING TO IP55

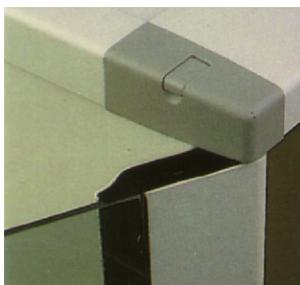
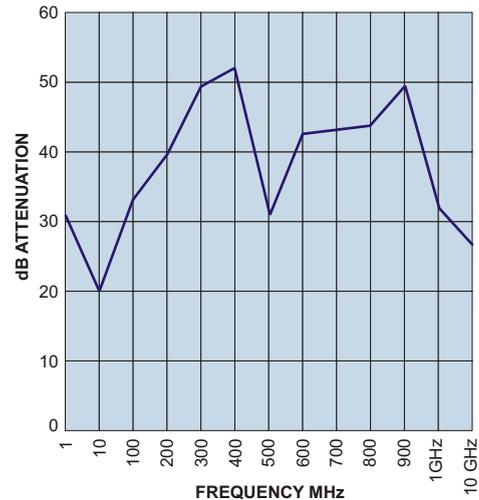
The range complies with IP55 ingress protection standard, with snugly fitting rattle-free covers that protect against dust and water ingress (when subjected to low pressure water jets from all directions).

EARTHING UP TO CLASS 1

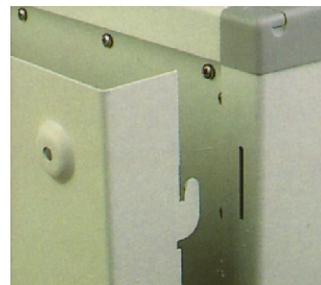
Cubic's design provides impressive integral strength as well as highly efficient bonding. Specially designed corner joints allow full LVD approved earth bonding, via the joints. Up to Class 1 bonding can be specified, providing sufficient earth protection to house an open-framed PSU. Earthing at each corner also enhances the shielding performance and avoids the need for earth wires, which can snag and make a unit unsafe.

VARIABLE DEPTH MOUNTING

Variable-position front and rear equipment amounting uprights, permit recess mounting, if required. Angle supports can be added to independently support heavier equipment. Solid or glass doors can be hung to left or right, top or bottom and with 180° opening for total access.



180° door opening



Wall enclosure mounting frame

ORDER CODES

CUBIC WALL MOUNTED FOR DOOR

H	W = 19" x DEPTH				
	300	400	500	600	800
4U	435000	435001			
6U	435002	435003			
7U	435004	435005			
9U	435006	435007			
12U	435008	435009			
16U	435010	435011			