



## APPLICATION

Cubic Tower Enclosures are designed for use in offices, laboratories and other environments where floor space is at a premium. By utilising unused room under desks, tower units release valuable desktop space. They accept standard rack-mounting equipment in a variety of positions, and can easily be fitted with computers and peripheral equipment. By fitting castors, towers can easily be relocated, so they are ideal for test and shared equipment.

## 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. Cubic enclosures are also ideal for portable test equipment, thanks to the rugged build and exceptionally strong corner construction. 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

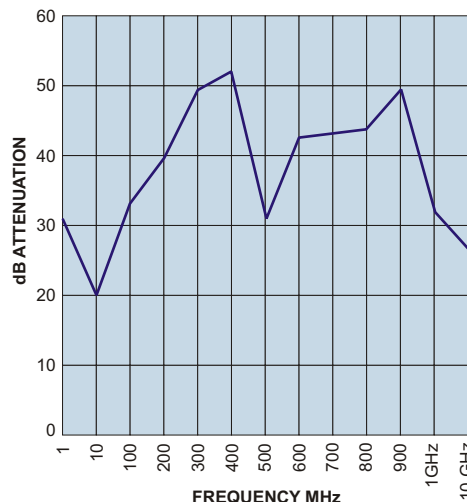
The range complies with IP55 ingress protection standard, with snugly fitting rattle-free covers that protect against dust and water ingress (when subjected to low pressure water jets from all directions).

## 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.



### ORDER CODES

### CUBIC FLOOR STANDING TOWER

H	W = 19" x DEPTH				
	300	400	500	600	800
9U				433004	433005
12U				433006	433007
14U				433017	
16U				433008	433009
21U				433010	433011

H	W = 6U (10.5") x DEPTH				
	300	400	500	600	800
14U				433016	

### ORDER CODES

### CUBIC TOWER / DESK TOP FOR DOOR

H	W = 19" x DEPTH				
	300	400	500	600	800
3U	432500	432501	432502	432503	
4U	432504	432505	432506	432507	
6U	432508	432509	432510	432511	
7U	432512	432513	432514	432515	
9U	432516	432517	432518	432519	
12U	432520	432521	432522	432523	
16U			432526	432527	
21U			432530	432531	