



Steel Honeycomb Vents

High performance steel vents are designed for demanding applications such as screened rooms, military applications and shelters where high attenuation is required across the frequency range and particularly in the H-field. This range of ventilation panels is especially suitable for EMP and TEMPEST applications.

Standard Cell Sizes (Opening x Depth)

3.2 x 6.4mm	3.2 x 25.4mm	4.8 x 19.2mm
3.2 x 12.7mm	4.8 x 6.4mm	4.8 x 25.4mm
3.2 x 16mm	4.8 x 12.7mm	
3.2 x 19.2mm	4.8 x 16mm	

Shielding Effectiveness

Frequency	Field	Typical Attenuation (dB)		
		3.2mm cell 12.7mm thick	3.2mm cell 25.4mm thick	4.8mm cell 25.4mm thick
1KHz	H	16	30	29
10KHz	H	50	85	72
100KHz	H	90	118	108
1MHz	H	110	118	115
10MHz	H	110	118	115
1KHz	E	110	111	111
10KHz	E	115	115	115
100KHz	E	115	120	120
1MHz	E	115	120	120
10MHz	E	115	120	120
100MHz	P	115	130	130
400MHz	P	115	130	130
1GHz	P	105	120	120
10GHz	P	105	120	120

Note: Performance will be affected by the type of mounting used.

Figures based on 300mm x 300mm test pieces

Tolerances:

Overall dimensions	± 0.8mm
Fixing holes/fasteners	± 0.5mm
	with jigs ± 0.2mm

How to Order:

Produced to customer drawings

