



Data Sheet for Wedge Anechoic Absorbers

The Global EMC offer GDS-W pyramidal Wedge absorbers which give enhanced performance at lower and mid range frequencies.

GDS-W absorber system has c20% greater mass than a standard 4 sided pyramid and so has increased performance making this system ideal for:

1. MIL STD 461 anechoic chambers, 16" (400mm) is enough to meet the requirements at 80MHz – 18GHz
2. RF anechoic chambers where measurement accuracy is required above 100MHz, a 20" (500mm) version will give >-17dB @ 100MHz and above.
3. Increases space in smaller chambers and reduces costs.

The GDS-W system is ideal for applications above 100MHz without the use of ferrite tiles.

A chamber lined with GDS-700W will comply to IEC/ EN61000.4.3 at 80MHz-6GHz (with some ferrite tile + hybrid at the centre of the floor)

PART No.	Height	Weight	18dB@
GDS-300W	300mm	18kg/m ²	200MHz+
GDS-400	W400mm	22kg/m ²	25dB
GDS-500	W500mm	25kg/m	227dB
GDS-600	W600mm	29kg/m ²	27dB
GDS-700W	700mm	33kg/m ²	25dB



Fire Safety

The GDS-W is fully compliant to the fire safety standard NRL8093 parts I,II & III and is zero halogen

Caution

This product has performance limitations of c-40dB @10GHz + due to increased flat surfaces and so is not suitable for high microwave free space chambers where accuracy of >-50dB+ is required (antenna measurement applications etc)

