

**GLOBAL EMC GDS HYBRID ABSORBERS****GLOBAL EMC 'GDS' ABSORBER SYSTEM**

The use of ferrite tiles in a broadband application has always shown limitations in the return loss performance.

The Global EMC 'GDS' absorber system is designed to enhance performance above 1GHz with minimal performance loss below 1GHz.

The special dielectric constant of this product is defined to give a composite wideband performance and compliance to CISPR16 at 30MHz to 18GHz.

All products meet NRL8093 parts I, II & III fire safety.

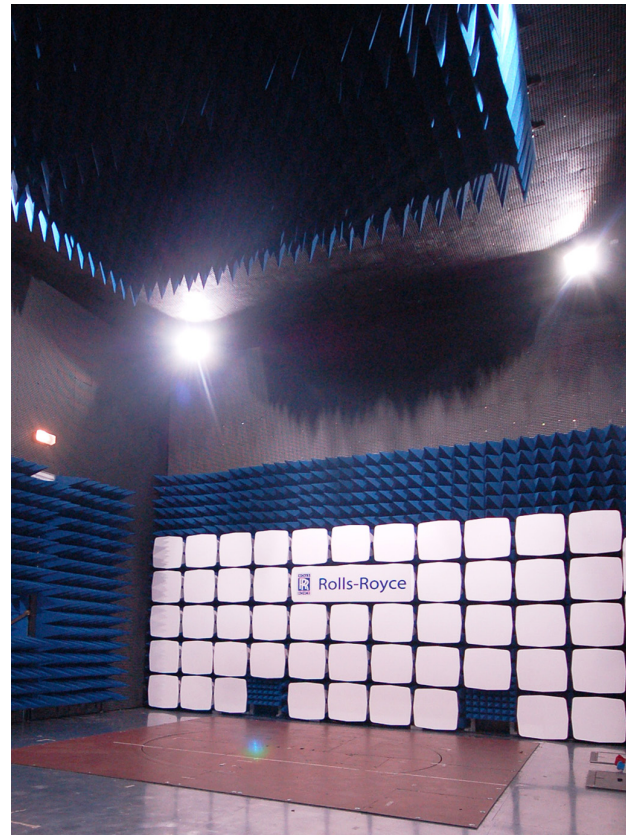
**THERE ARE THREE SIZES AVAILABLE:**

GDS300-H3 (300mm deep) and is full peak.

GDS500-H3 (500mm deep) and is full peak.

GDS850-H3T (800mm deep with a truncated peak.

(polystyrene front tiles are available on the GDS 850-H3T).



Global EMC GDS Hybrid Absorbers			
Frequency	GDS300-H3	GDS500-H3	GDS850-H3T
30MHz	15dB	15dB	17dB
100MHz	22dB	23dB	25dB
500MHz	20dB	22dB	27dB
1GHz	15dB	17dB	25dB
5GHz	17dB	18dB	25dB
10GHz	20dB	20dB	35dB
18GHz	22dB	>30dB	>45dB

**FOR 3M COMPLIANT CHAMBERS**

Use the GDS500-H3 behind the EUT (whole wall) and at prime reflection areas, at less critical areas the use of the GDS300-H3 is recommended, consult Global EMC technical support for specific design.

**FOR 10M COMPLIANT CHAMBERS**

Use the GDS850-H3T for the prime areas and the GDS500-H3 for the less critical areas. For specific design please consult technical support.

