



GLOBAL EMC

Data Sheet for

Flat Sheet Absorbers



Global EMC offer two types of carbon loaded flat sheet absorbers.

There is a flat single sheet type for specific frequency use and a multi layered type for more broadband applications.

The thin absorbers can be cut or die stamped, we can produce flat sheet absorber components.

All products can be painted or unpainted as required.

The table below is for optimised use however in a shielded product the performance and damping effect can be many times greater.

Foam sheet absorbers

Flat sheet foam absorber (Single Carbon Doping)

PART No	Thickness	Kg/m2	Frequency	Return Loss	Sheet size (mm)
GDS-FS-SCD-15	3mm	2	15GHz	15dB	500 x 500
GDS-FS-SCD-9.4	5mm	3.4	9.4GHz	15dB	500 x 500
GDS-FS-SCD-5.5	9mm	6	5.5GHz	15dB	500 x 500
GDS-FS-SCD-3	16mm	10	3GHz	15dB	500 x 500

Flat sheet foam absorber (Multi Layer Carbon Doping)

PART No	Thickness	Kg/m2	Frequency	Return Loss	Sheet size (mm)
GDS-FS-MLCD-01	25mm	2.7	5~10GHz	17~25dB	500 x 500
GDS-FS-MLCD-02	50mm	5.2	2.5~10GHz	17~25dB	500 x 500
GDS-FS-MLCD-03	100mm	10.3	1.2~10GHz	17~25dB	500 x 500



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