

SILICONE MICROWAVE ABSORBERS

GT 602

GT 602 range is composed of flexible microwave absorbents materials developed by our laboratory. GT 602 materials come in sheets that we can then cut to shape in different thicknesses or shaped pieces. GT602 consists of a silicone mold loaded with magnetic particles with a narrow-band frequency absorption function according to the material/thickness grade. The mixture's homogeneity is ensured by a complex mixing system, developed by Getelec. Sheets or finished parts are available, on request in versions with or without adhesive.

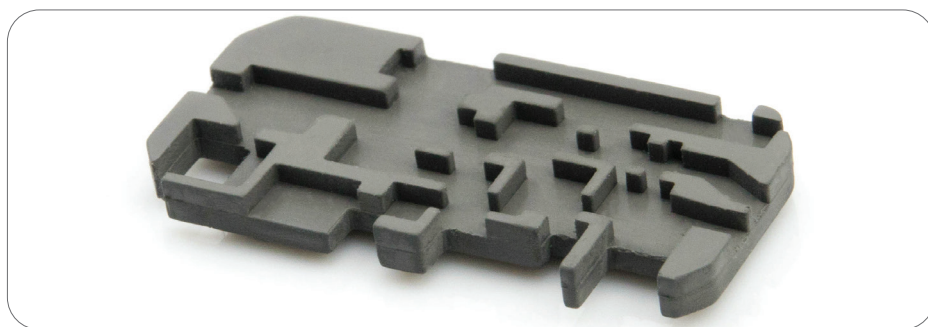
ATTENUATION GUIDE

Attenuation	Percentage absorbed
-5 dB	68.38%
-10 dB	90.00%
-15 dB	96.84%
-20 dB	99.00%
-40 dB	99.99%

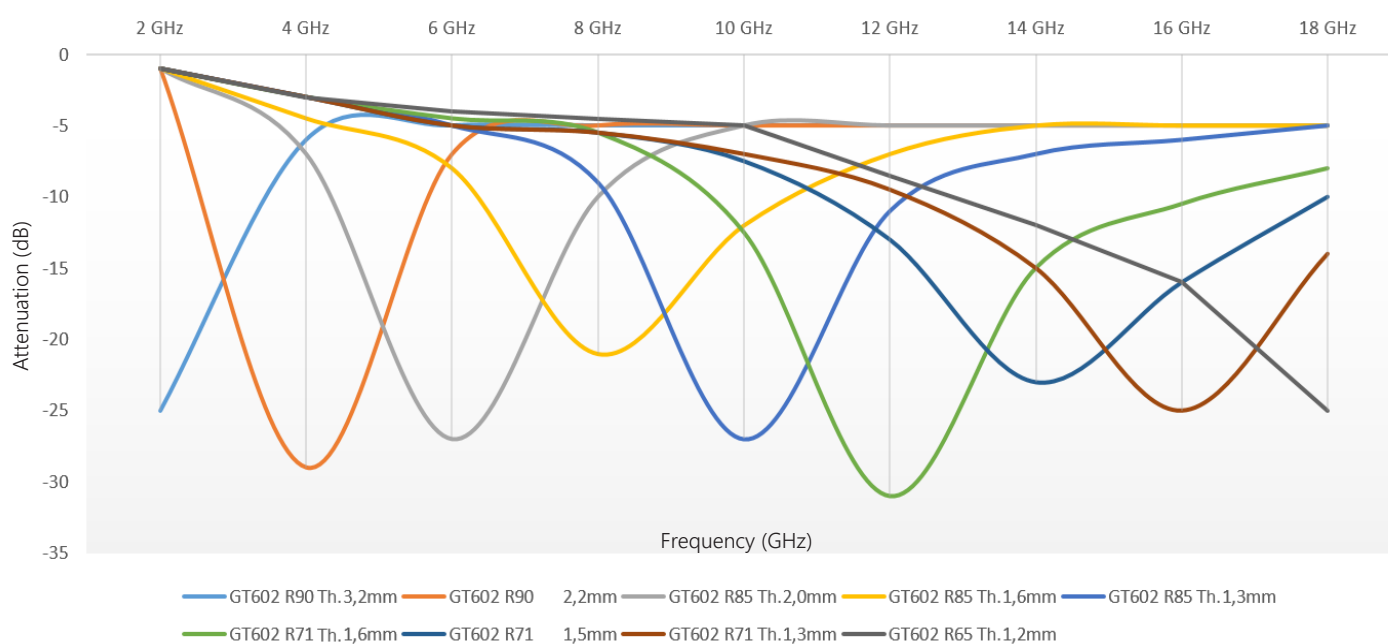
Getelec material reference	Thickness (mm)	Resonance frequency
GT602 R90*	4.5	1 Ghz
GT602 R90*	3.2	2 Ghz
GT602 R90*	2.4	3 Ghz
GT602 R90*	2.2	4 Ghz
GT602 R88*	2	5 Ghz
GT602 R85*	2	6 Ghz
GT602 R85*	1.8	7 Ghz
GT602 R85*	1.6	8 Ghz
GT602 R85*	1.5	9 Ghz
GT602 R85*	1.3	10 Ghz
GT602 R74*	1.7	11 Ghz
GT602 R71*	1.6	12 Ghz
GT602 R71*	1.5	13 Ghz
GT602 R71*	1.45	14 Ghz
GT602 R71*	1.4	15 Ghz
GT602 R71*	1.3	16 Ghz
GT602 R65*	1.2	17 Ghz
GT602 R65*	1.15	18 Ghz
GT602 R64	1.1	24 Ghz
GT602 R63	0.95	28 Ghz
GT602 R62	1.1	35 Ghz

* Spatial qualified material compliant with standard ESA-ECSS-Q-ST-70-02C / TML RML (<1%) and CVCM (<0.1%)

The finished plates or parts are available in version with or without adhesive on request.



Attenuation according to the frequency



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