

Technical Data Sheet

SB1007

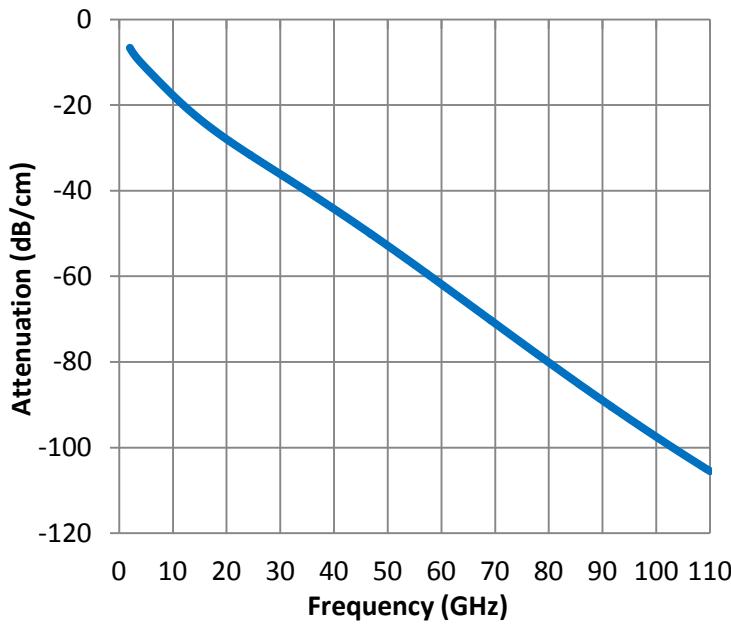


Description

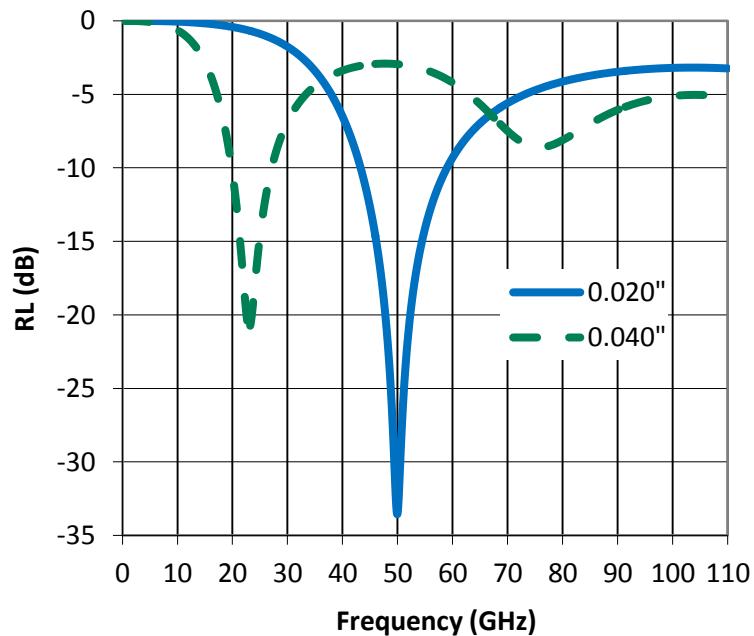
- High load, dielectric absorber, made with thermoplastic elastomer that gives it rubber-like properties.
- Designed for excellent absorption across K and K_a-band.
- Ideal for surface current attenuation and cavity resonance suppression at 18 to 40 GHz.
- Reflection loss performance will vary depending on sheet thickness requested.
- Excellent elongation, flexibility, and UV resistance.
- Standard thicknesses:
 - 0.040" $\pm 0.005"$ (1.02 mm ± 0.127 mm)
 - 0.020" $\pm 0.005"$ (0.508 mm ± 0.127 mm)
- Can be provided with pressure sensitive adhesive (PSA).
- May be water-jet or die cut for custom configurations.
- Halogen free, RoHS and REACH compliant.

Properties	Test Method	Value
Durometer	ASTM D2240	90 Shore A
Tensile Strength	ASTM D638	1750 psi
Elongation	ASTM D638	1140 %
Surface Resistivity	ASTM D257	> 460 M Ω /□
Color	--	Black

Attenuation



Reflection Loss



Note: the information provided above is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application.