

Technical Data Sheet

SB1007

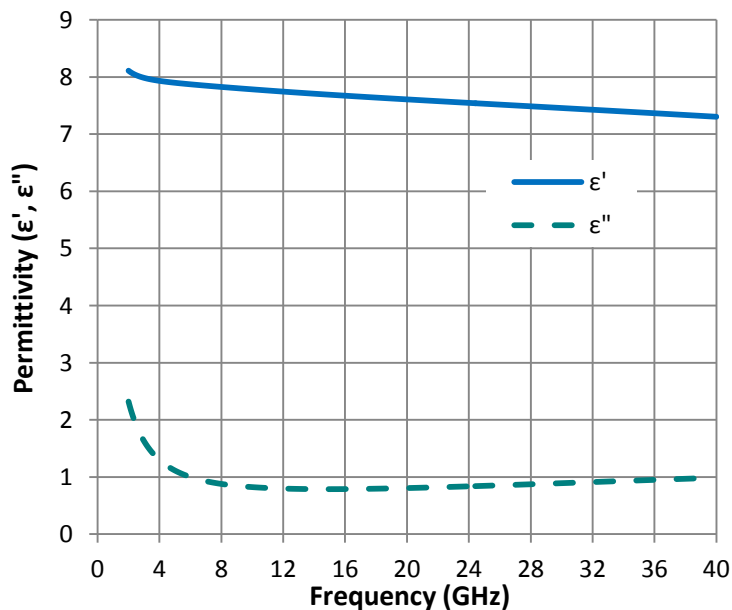


Description

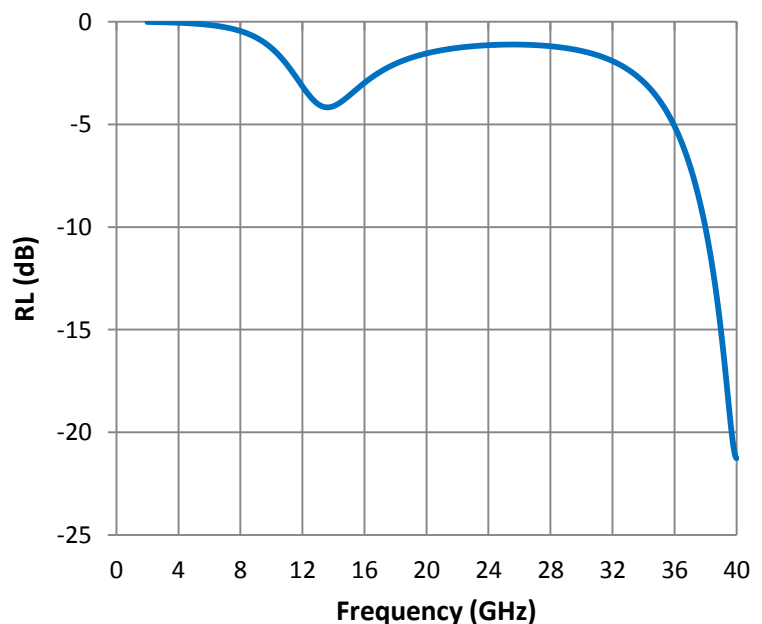
- High load, dielectric absorber, made with thermoplastic elastomer that gives it rubber-like properties.
- Designed for excellent absorption across K and K_a-band.
- Ideal for surface current attenuation and cavity resonance suppression at 18 to 40 GHz.
- Reflection loss performance will vary depending on sheet thickness requested.
- Excellent elongation, flexibility, and UV resistance.
- Standard sheet size:
 - 24" x 24" (60.96 cm x 60.96 cm)
 - Other sheet sizes, rolls, and custom molded shapes available up request.
- Can be provided with pressure sensitive adhesive.
- 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 MΩ/□
Color	--	Black

Measured Complex Permittivity



Reflection Loss (0.082" Thick)



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.