

Technical Data Sheet

SB1007

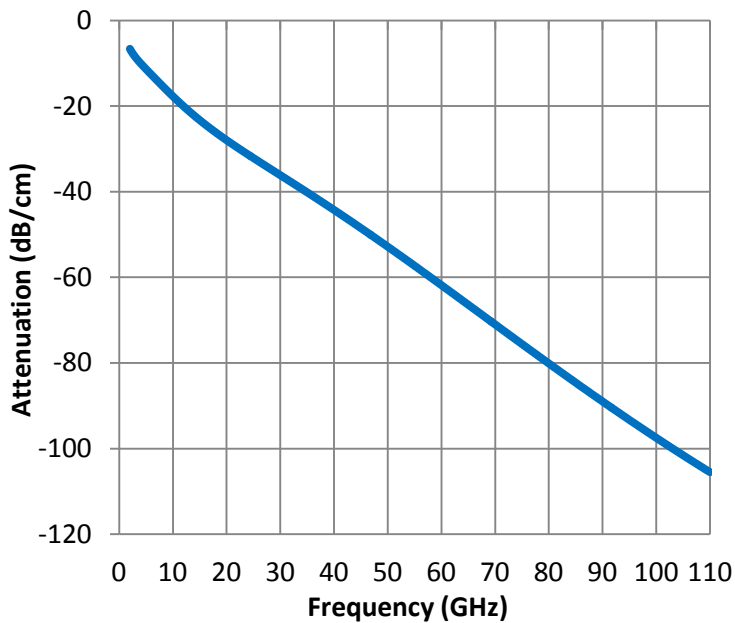


Description

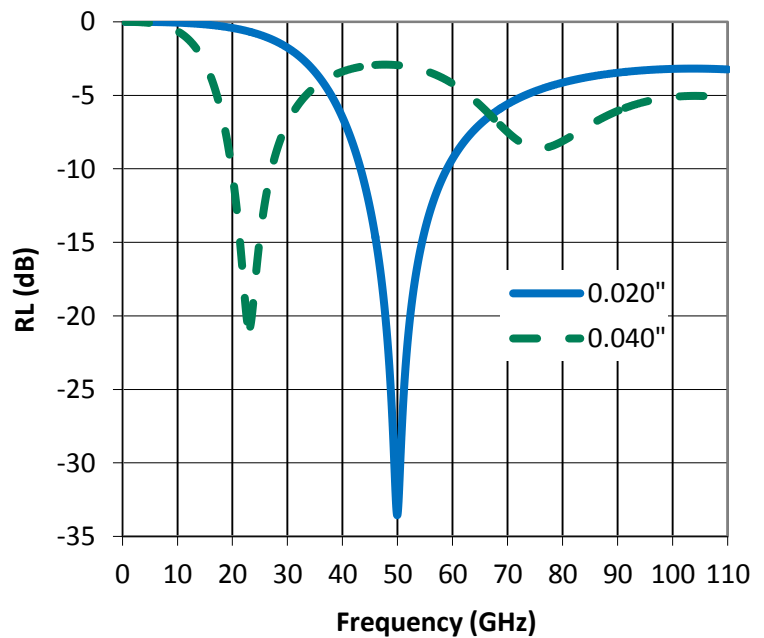
- High load, dielectric absorber, made with thermoplastic elastomer that gives it rubber-like properties.
- Designed for excellent absorption across K and K_a-band.
- Ideal for surface current attenuation and cavity resonance suppression at 18 to 40 GHz.
- Reflection loss performance will vary depending on sheet thickness requested.
- Excellent elongation, flexibility, and UV resistance.
- Standard thicknesses:
 - 0.040" ±0.005" (1.02 mm ±0.127 mm)
 - 0.020" ±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 MΩ/□ |
| 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.