

Technical Data Sheet

SB1011

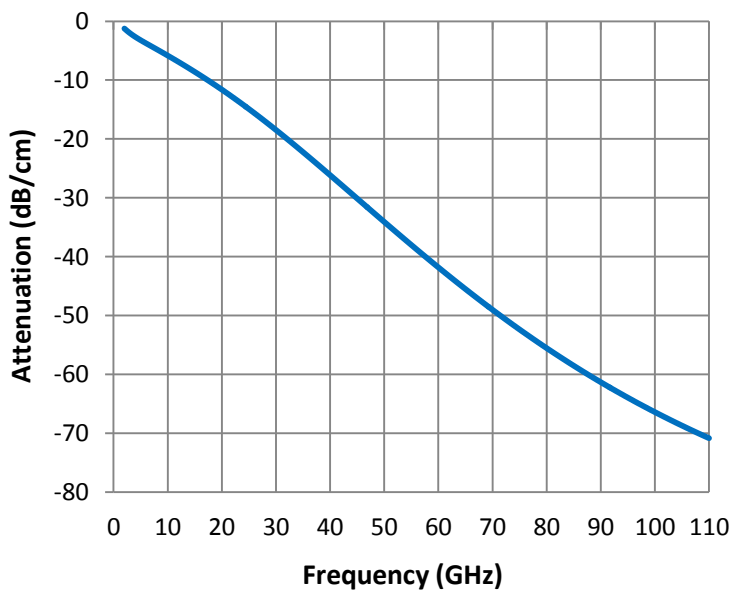


Description

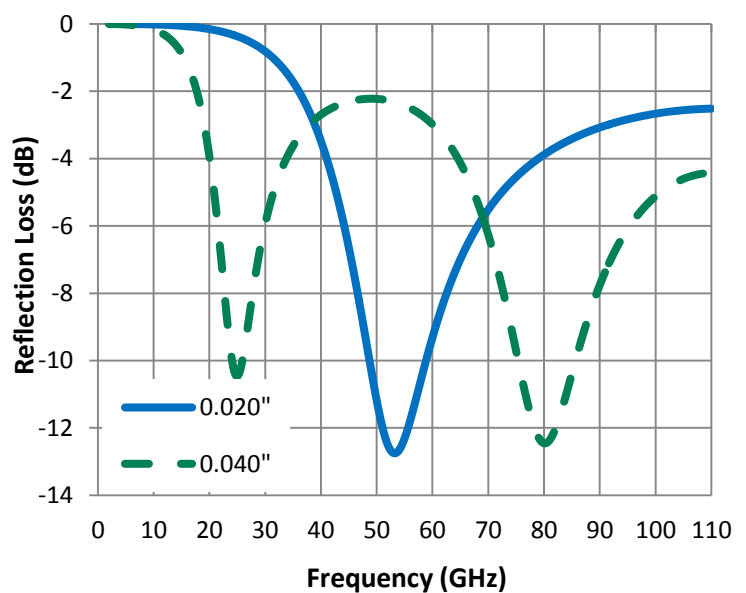
- Lightweight, flexible, UV resistant, dielectric absorber.
- Utilizes a thermoplastic elastomer binder to provide good balance of mechanical and electrical properties.
- Designed for attenuation over a wide range, particularly above 18GHz.
- Standard thicknesses:
 - 0.040" \pm 0.005" (1.02 mm \pm 0.127 mm)
 - 0.020" \pm 0.005" (0.508 mm \pm 0.127 mm)
- Can be provided with PSA.
- Can be water-jet or die cut for custom configurations.
- Halogen free, RoHS and REACH compliant.

| <u>Properties</u> | <u>Test Method</u> | <u>Value</u> |
|---------------------|--------------------|---------------------------|
| Durometer | ASTM D2240 | 93 Shore A |
| Tensile Strength | ASTM D638 | 1683 psi |
| Elongation | ASTM D638 | 534 % |
| Tensile Modulus | ASTM D638 | 6542 psi |
| Surface Resistivity | ASTM D257 | >1 k Ω / \square |
| 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.