

Technical Data Sheet

SB1004

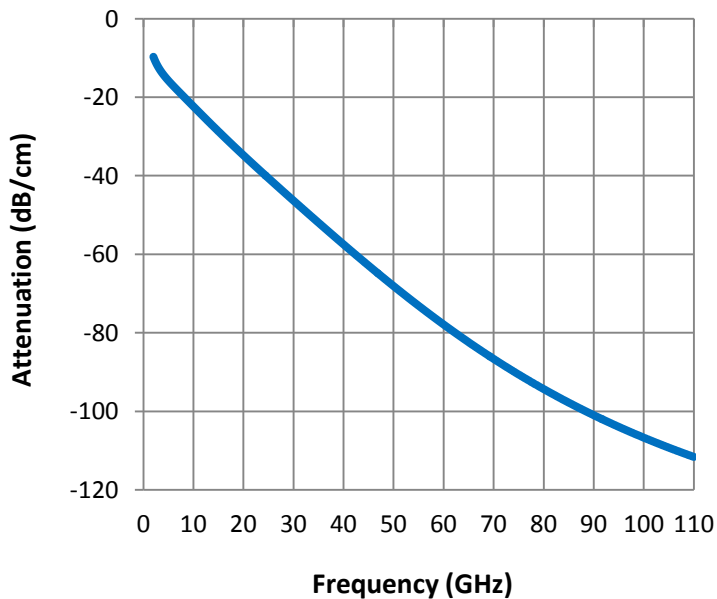


Description

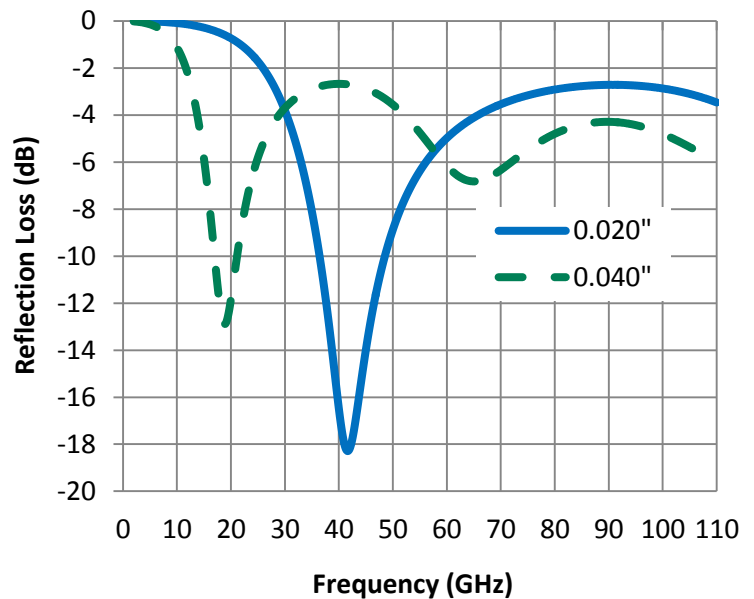
- Made with a flexible, thermoplastic elastomer giving it rubber-like properties.
- Designed for good absorption over wide frequency range.
- Absorption loss at K and W-band frequencies makes SB1004 ideally suited for automotive radar applications.
- Excellent elongation, flexibility, and UV resistance.
- Reflection loss performance will vary depending upon sheet thickness requested.
- Standard thicknesses:
 - 0.020" \pm 0.005" (0.508 mm \pm 0.127 mm)
 - 0.040" \pm 0.005" (1.02 mm \pm 0.127 mm)
- Available with pressure sensitive adhesive (PSA).
- Can be water-jet or die cut for custom configurations.
- Halogen free, RoHS and REACH compliant.

| Properties | Test Method | Value |
|---------------------|-------------|----------------------|
| Durometer | ASTM D2240 | 71 Shore A |
| Tensile Strength | ASTM D638 | 1418 psi |
| Elongation | ASTM D638 | 856% |
| Surface Resistivity | ASTM 257 | >50 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. All test data is typical.