

Technical Data Sheet

SB1004

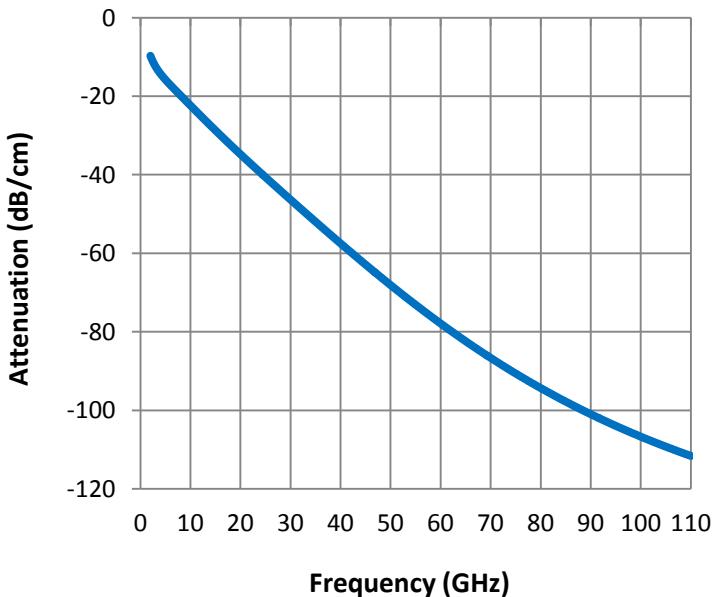


Description

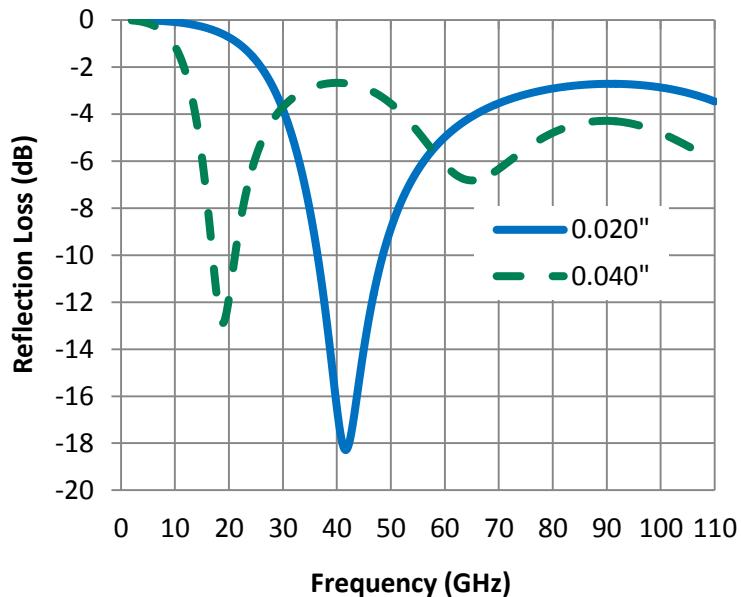
- Made with a flexible, thermoplastic elastomer giving it rubber-like properties.
- Designed for good absorption over wide frequency range.
- Absorption loss at K and W-band frequencies makes SB1004 ideally suited for automotive radar applications.
- Excellent elongation, flexibility, and UV resistance.
- Reflection loss performance will vary depending upon sheet thickness requested.
- Standard thicknesses:
 - $0.020'' \pm 0.005''$ (0.508 mm ± 0.127 mm)
 - $0.040'' \pm 0.005''$ (1.02 mm ± 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	$>50 \Omega/\square$
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.