

# Technical Data Sheet

## LS-51300



### Description

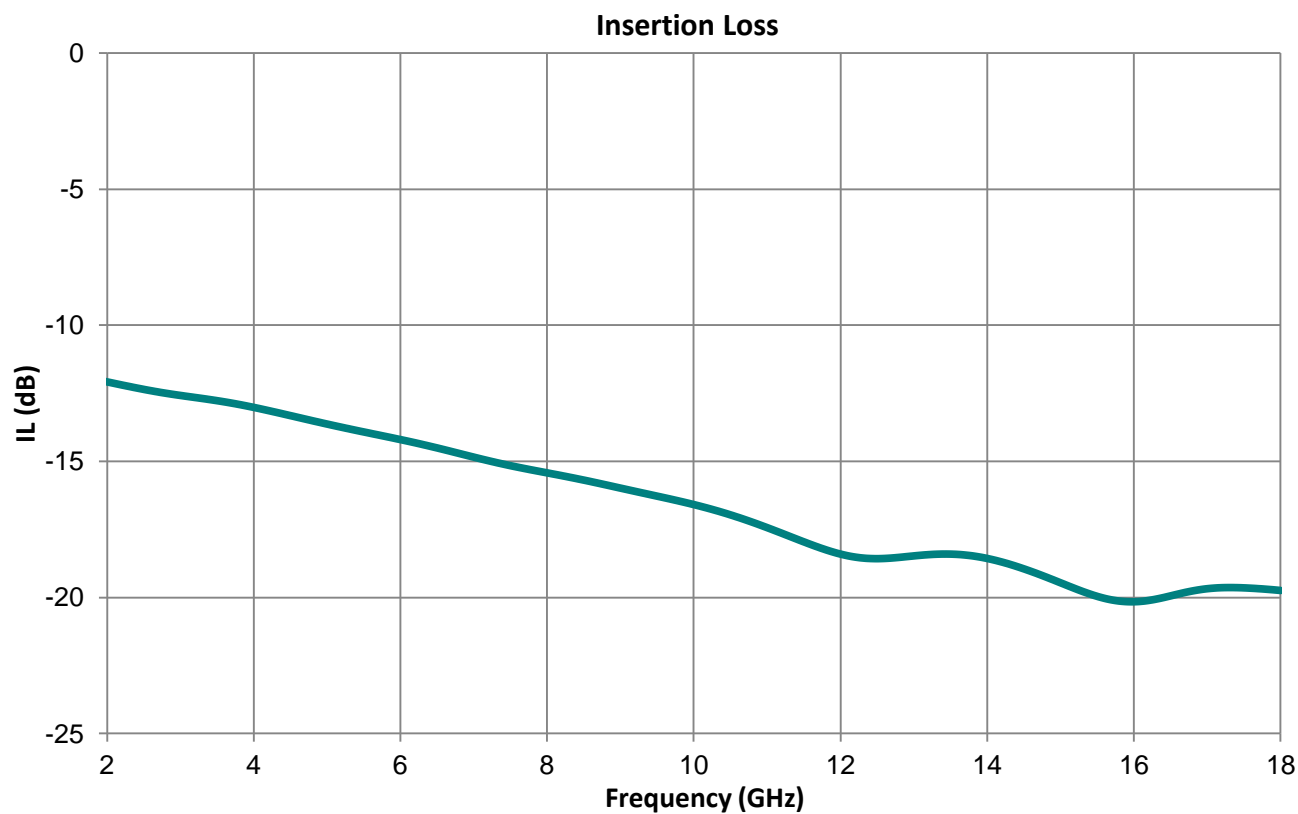
- Flexible, low density, high loss, carbon impregnated foam dielectric absorber.
- Available with pressure sensitive adhesive and acrylic coating.
- Ideal for applications requiring absorption across a wide range of frequencies, including antenna cross-talk and sidelobe reduction and cavity resonance suppression.
- Available with PSA, surface coating, or ground plane.
- Can be water-jet or die cut for custom configurations.
- RoHS and REACH compliant.

### Physical Properties

| <u>Properties</u>   | <u>Value</u>   |
|---------------------|--|
| Sheet Thickness     | 0.200" $\pm$ 0.062" (5.08 mm $\pm$ 1.6 mm)   |
| Standard Sheet Size | 24" x 24" $\pm$ 0.25" (60.96 cm x 60.96 cm, $\pm$ 6.35 mm)<br>Others available upon request. |
| Color               | Black  |

### Electrical Properties

| <u>Frequency</u> | <u>Typical Insertion Loss</u> |
|------------------|-------------------------------|
| 10 GHz           | - 14 dB ( $\pm$ 2.5)          |



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.