

# Technical Data Sheet

## LS-55218



### Description

- Flexible, low density, high loss, carbon impregnated foam dielectric absorber.
- 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 for custom configurations.
- RoHS and REACH compliant.

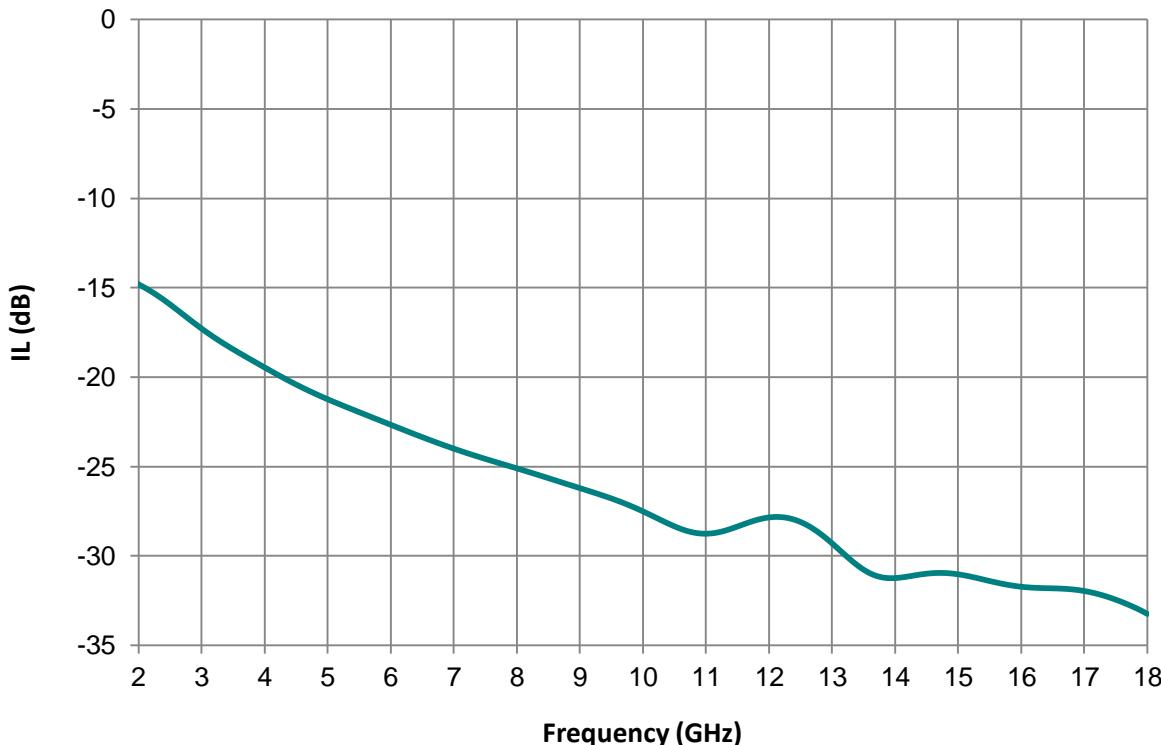
### Physical Properties

| Properties          | Value   |
|---------------------|---|
| Sheet Thickness     | 2.0" (50.8 mm)  |
| Standard Sheet Size | 24" x 24" (60.96 cm x 60.96 cm)<br>Others available upon request. |
| Color               | Black   |

### Electrical Properties

| Frequency | Typical Insertion Loss |
|-----------|------------------------|
| 10 GHz    | -24 dB ( $\pm 4$ )     |

### Insertion Loss of LS-55218



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.