

TECHNICAL DATA SHEET
Multi-Layer Broadband Absorber
ML-10051

Part Number: ML-10051-18 (ML-75 Series)

Description: Multi-layered broadband absorber consisting of graduated layers of loaded open-cell urethane foam, covered with a weather-resistant nylon/hypalon fabric. Weather-wrap color "Ocean Gray".

Thickness: 1.125" (28.575mm) exclusive of weather-wrap

Standard Sheet Size: 24" x 24" (60.96 x 60.96cm)

Foam Density: 2 lbs/cu ft (32 kg/m³)

Color: Black

Temp. Range: -70°F to + 270°F (-56.7°C to +132.2°C)

Features:

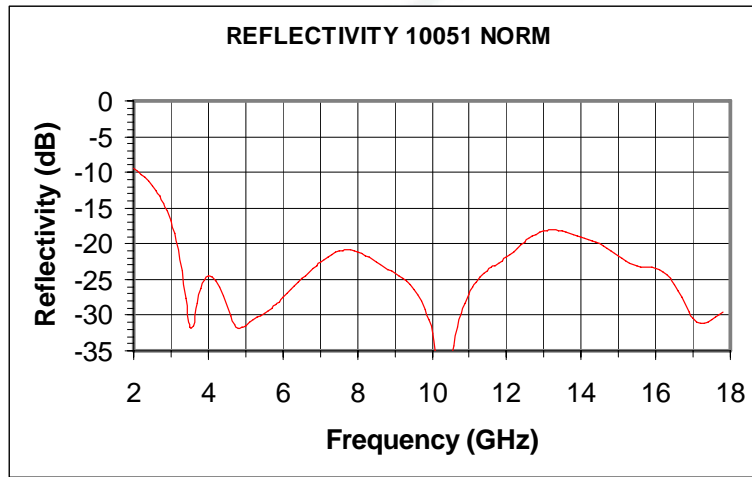
- PSA (optional): A high performance unsupported acrylic transfer film adhesive is used with a thickness of .002".
- Surface Coating (optional): Tough acrylic sealant
- Ground Film (optional): Conductive Mylar when specified



Solutions for Interference Control

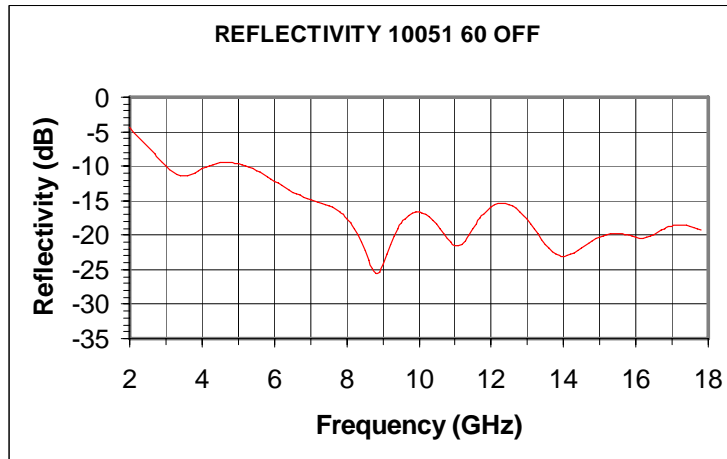
ARC Technologies, Inc.
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Typical Reflection Loss (2-18GHz) at 7.5° incident (normal) angle:



ML-75 10051

Typical Reflection Loss (2-18GHz) at 60° incident angle:



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