



RF Reflection Loss Foam

RF125, RF225, RF450



Overview

The Flat RF Reflection Loss foam provided by Ramsey Electronics is a series of light weight, flexible, broadband RF absorbers. They are made from graded layers of lossy open-cell plastic foam. They are designed to provide typically 20dB of reflection loss.

Applications

The primary application is for use in an RF Shielded Test Enclosure.

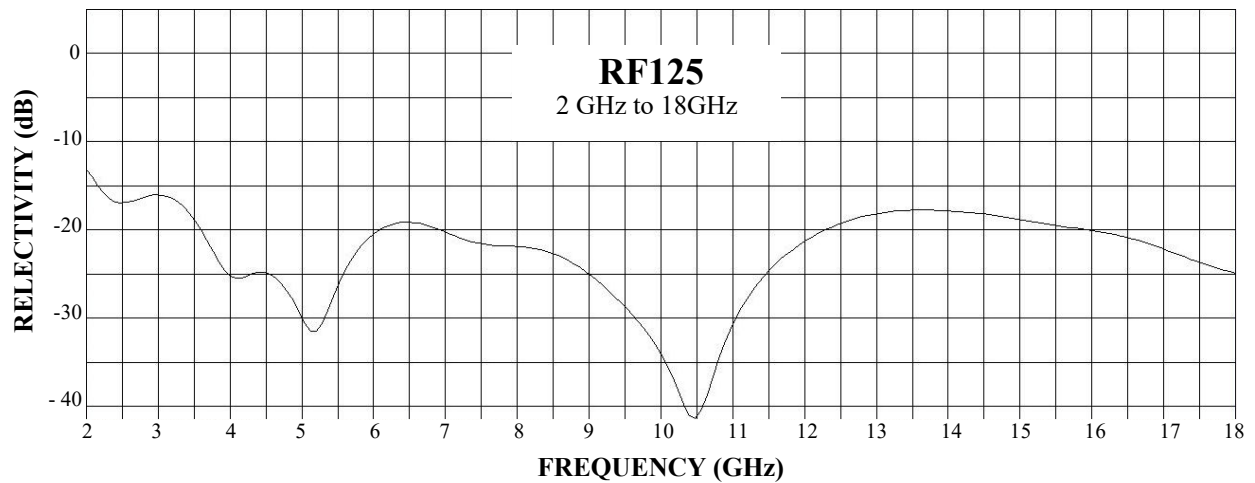
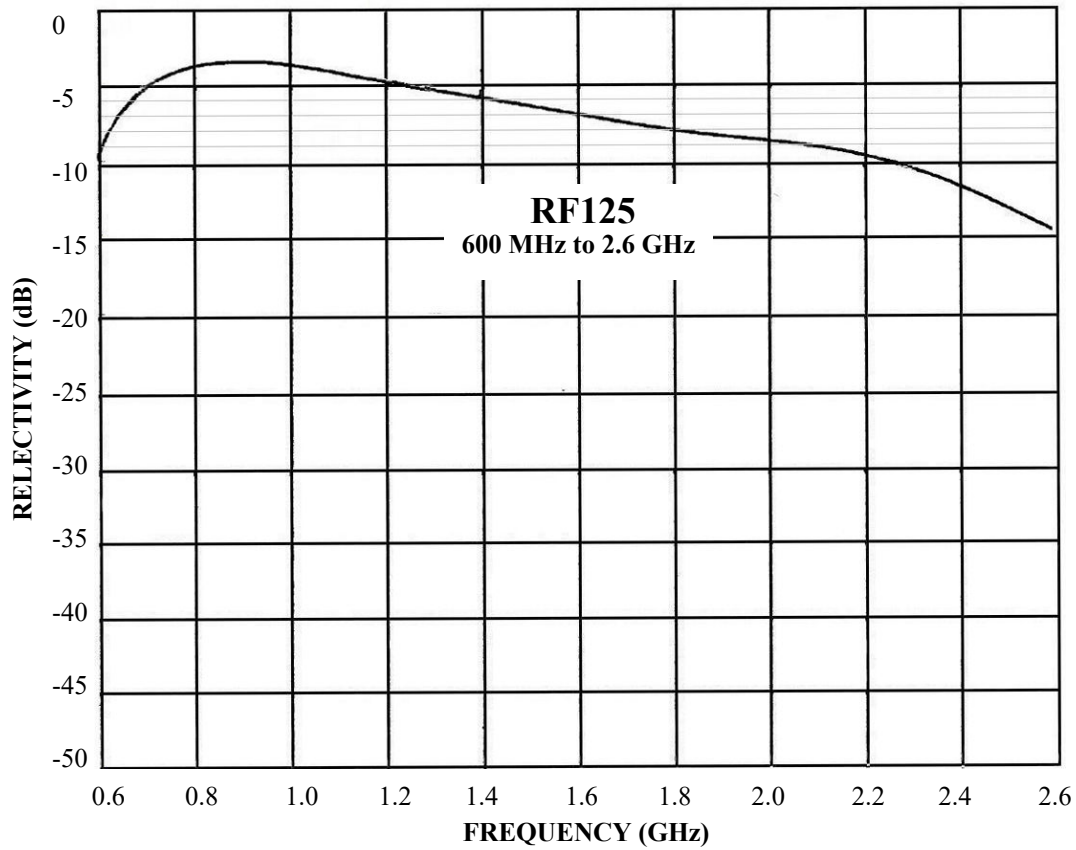
Specifications:

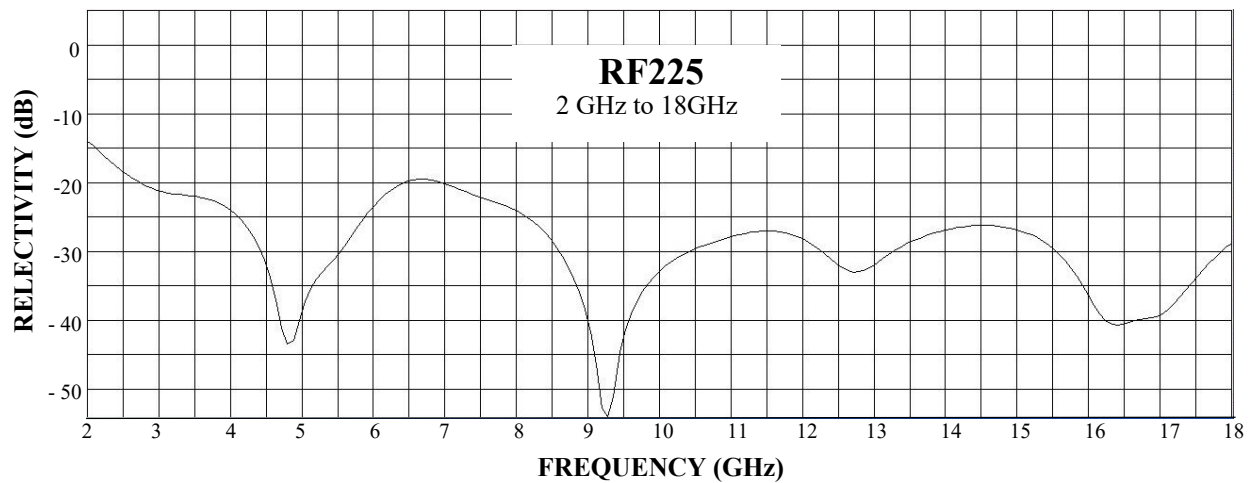
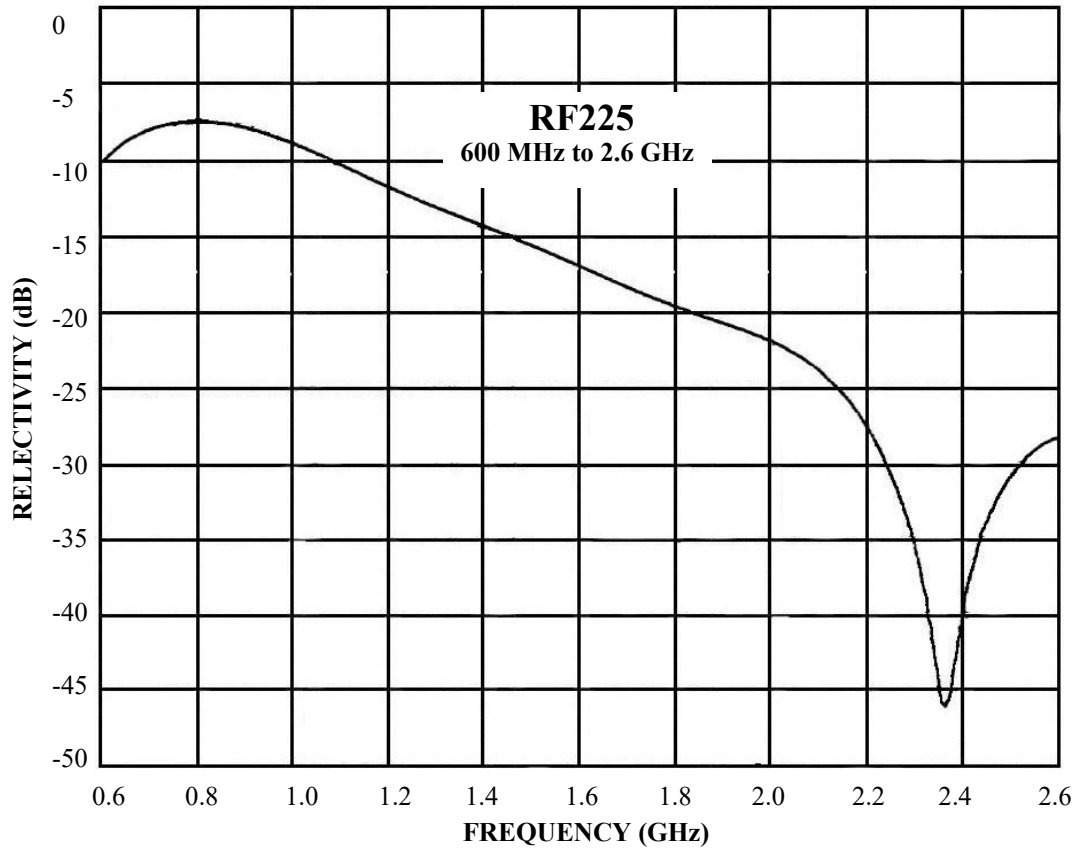
Sheet size: 24" (609.6mm) x 24" (609.6mm), See table below for thickness.
Service temperature: -40°F (-40°C) to 250°F (120°C).
Thermal conductivity: 6.5×10^{-5} cal-cm/sec-cm²-°C.
Color: Black with face and edges painted blue.

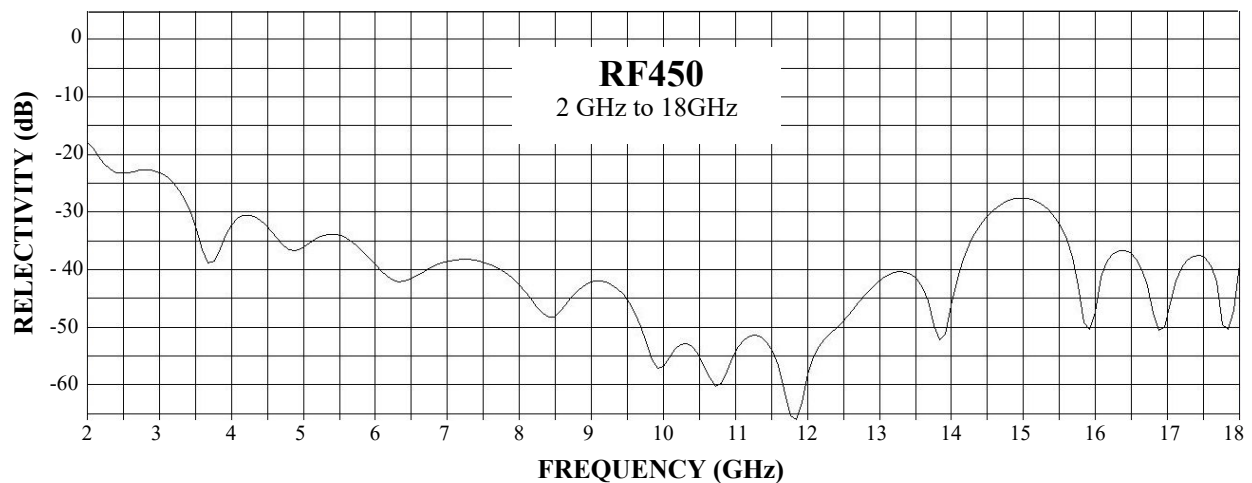
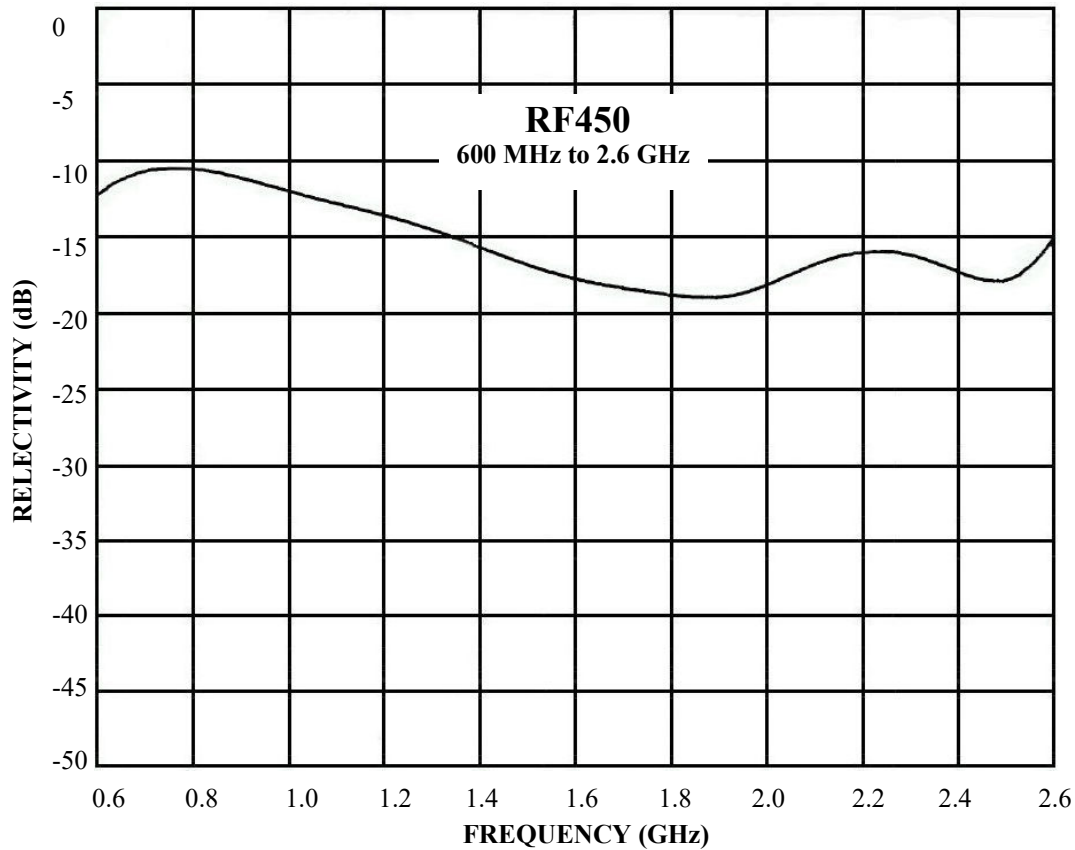
Part Number	Thickness	Weight	Reflection Loss	Frequency Range
RF125	1.13" (28.7mm)	1.75lbs (0.79Kg)	20dB Typical	2.5GHz to 40GHz
RF225	2.25" (57.2mm)	3.3lbs (1.49Kg)	20dB Typical	1.3GHz to 40GHz
RF450	4.5" (114.3mm)	6.5lbs (2.95Kg)	20dB Typical	600MHz to 40GHz



Frequency Vs Reflectivity Plots:







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