



# HIGH SPECIFICATION PRODUCTS

## Product Data Sheet

### HSP-RT20-MIC250 Flexible Broadband Absorber

**Grade**

HSP-RT20-MIC250

**Issue Number**

1

**Date**

1<sup>st</sup> December 2010

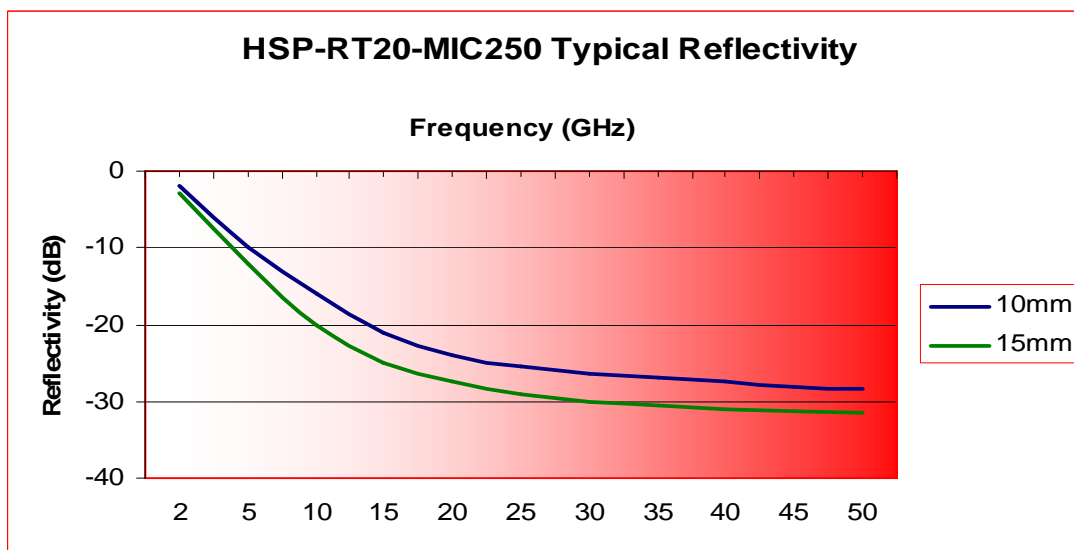
**Description:** A lightweight, flexible broadband absorber

**Uses:** Applications include shrouds for low side lobe reflector antennas, isolation of adjacent antennas and array elements, in radar absorbing blankets for military applications and in moderate performance anechoic chambers and less sensitive regions of high performance chambers.

**Property**

**Typical Value**

Foam Type	Reticulated Polyether based Polyurethane With a graded conductive coating.
Density	45Kg/m <sup>3</sup>
Colour	Blue / Black
Format	Sheets / Cut parts



**Additional Notes:**

HSP-RT20-MIC250 is designed to function directly in front of a metallic surface. If this is not the case, a metallic foil should first be bonded to the object.

As this is a gradient loaded absorber the back surface (black) should be bonded to the metal surface for optimal performance (blue surface facing out).

The data contained herein is believed to be accurate at time of issue, and is published in good faith. However, H.S.P.Ltd reserves the right to amend product data without prior notification. H.S.P.Ltd can assume no liability for results obtained or damages incurred through the application of the data and tests presented.