

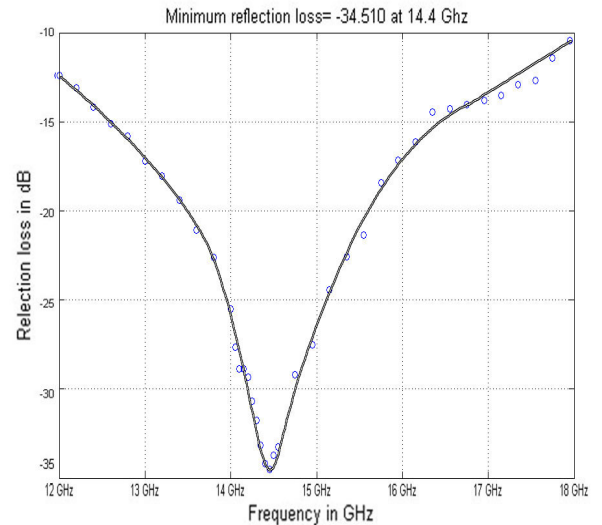


KV-RA-U-14.5-PSA

Thin, Flexible, Resonant Absorber Urethane Rubber Based at 14.5 GHz with Pressure Sensitive Adhesive

FEATURES:

- ❖ Thin, flexible, narrowband resonant absorber at 14.5 GHz.
- ❖ Magnetically loaded urethane rubber sheets offer increased abrasion resistance.
- ❖ Temperature withstands capability from -40°C to +90°C.
- ❖ Metallic Alloy and special ferrite powder loaded sheets.
- ❖ Improved guaranteed performance of min. -25 dB reflection loss with respect to metal at near normal incidence at 14.5 GHz.
- ❖ Gives Min.-10 dB between 12.0 GHz to 17.0 GHz.
- ❖ Typically covers the entire Ku Band.
- ❖ KV-RA-U-14.5-PSA is backed with a transfer type acrylic based adhesive of about 50 micron (0.05 mm) thickness. This retains the reflection/ frequency characteristics of the absorber. The PSA is supplied with liner which is removed and the sheet is glued to the metallic surface.



Typical Reflectivity performance at near normal incidence with respect to metal

How to Use:

- ❖ For optimum performance the absorber **MUST** be immediately backed with metallic surface.
- ❖ If a metal surface is not available, the sheet **MUST** be fixed on a flat metal foil and then cover the structure or ask for a metal foil backed absorber named as KV-RA-U-14.5-PSA-ML.
- ❖ Standard Size of absorber is 300mm x 300mm x 1.5mm and weight is ~400 gm.

Other Products:

- ❖ Resonating Absorber Sheets are available at other frequencies ranging from 2.0 GHz to 18.0 GHz and beyond. For other microwave absorbers please refer our website www.sltmicrowave.com.