



Resonance & Thin Sheet-type Radio Absorber for 28GHz

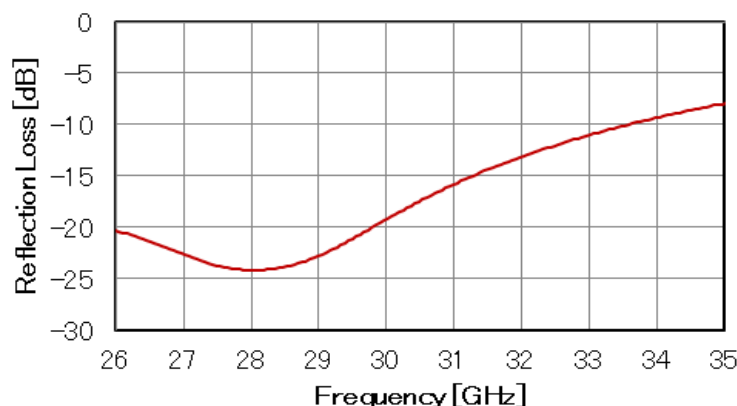
EC-SORB SF-28.0MB is a quasi-millimeter wave absorber especially developed for the frequency of 28GHz.

It has a reflection coefficient of more than 20 dB at 28GHz. Since the silicone resin is used as a base material, it is weather proof, resistant to thermal shock and has excellent physical properties such as tolerance to a temperature from -54°C to +160°C. Thus, it can be used under the severe outdoor conditions specific to an automobile.

Same as the SF-76.5 MB, aluminum vapor deposited polyester film is used on the back and it can be easily adhered with a commonly-used rubber-type adhesive. Furthermore, it has a metal layer on the back surface so even when it is adhered to dielectric such as plastic, it can still perform as designed. (Patent No. 5481613).

Standard size is 30.5 x 30.5 x 0.12cm, it can be easily cut with scissors or a utility knife, and due to its flexibility, it is easily attached to the curved surface.

Typical Reflectivity Performance of SF-28.0 MB



*The absorption performance evaluation of radio wave absorber is based on our company's waveguide method and NRL arch method.

(In the case that the product has metal back surface)

*The numbers on the table are typical values, not guaranteed values.

Also, the specification may change without advance notice.

Disclaimer

The information on this catalog is reliable, however, this does not guarantee the legal liability and does not permit or recommend patent invention without a license.

Please use the information for considering or confirming the specification of the product since it is provided for development, research, and examination.

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