



### Resonance & Thin Sheet-type Radio Absorber for 28GHz

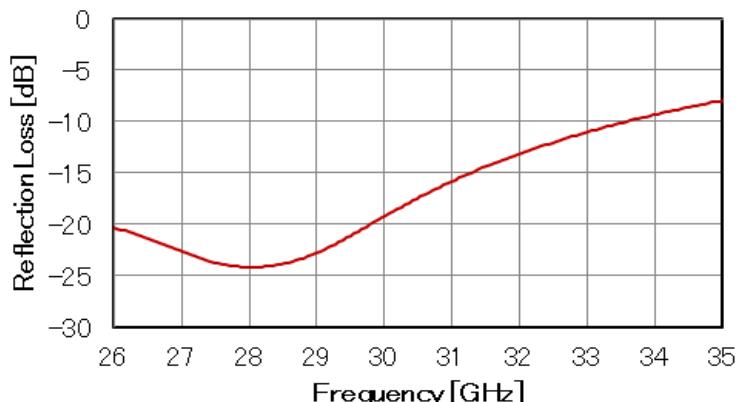
EC-SORB SF-28.0MB is a quasi-millimeter wave absorber especially developed for the frequency of 28GHz.

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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