

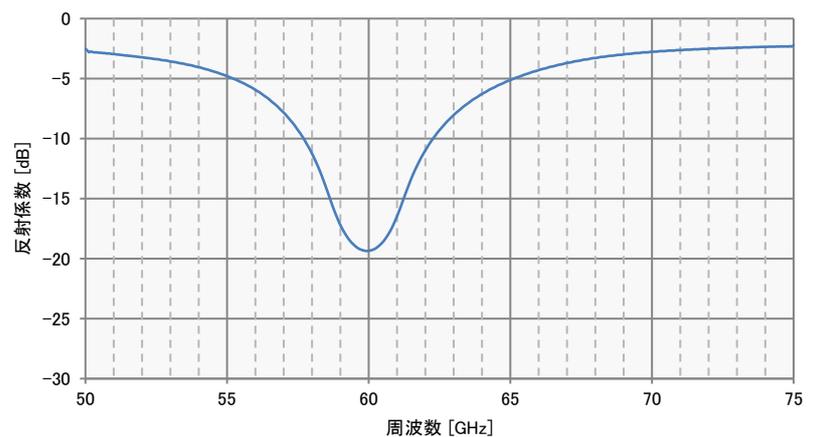
60.0GHz Sheet radio wave absorber

EC-SORB®SF-60.0MB is the resonance sheet type radio wave absorbers, which is focused to 60GHz frequency for the mm-wave radar, high-speed and capable data communication, , with the reflection coefficient less than -10dB.

Due to the silicon resin material, SF-60.0MB has excellent the physical properties of weatherability, heat impact, etc. and is much suitable for the severe outdoors condition, like a endurance among -54°C to +160°C.

Though its core is silicon resin, the back surface is aluminum evaporated polyester film, so this is easy to attached by using normal rubber adhesive. Since its back side have metal layer, it is available to designed performance in case of attaching to non-conducted like a plastic.

The standard size is 30.5 x 30.5 x 0.14cm. It can be cut readily with a scissors & cutter knives and easy to sealed on the curved surface due to much flexibility.



Typ. Reflection Coefficient response
(TE wave @input angle 10°)

The absorbing performance is evaluated by NRL arch method by ourselves,

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