

Under Development

Ferrite component

Electromagnetic Wave Absorber for 5G (M-Type Ferrite Sheet)



OVERVIEW

M-type ferrite sheet developed by TODA KOGYO is an electromagnetic (EM) wave absorber that achieves both excellent EM wave absorption characteristics and thinness in 5G applicable frequency (28/39 GHz) band.

FEATURES

High transmission loss

M-type ferrite sheet shows better EM wave absorption characteristics than general resin sheets.

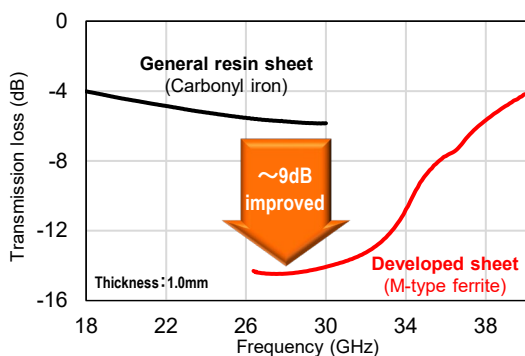
Thin thickness

Since high transmission loss is obtained, M-type ferrite sheet can be made thinner than general resin sheets and is suitable for low profile products.

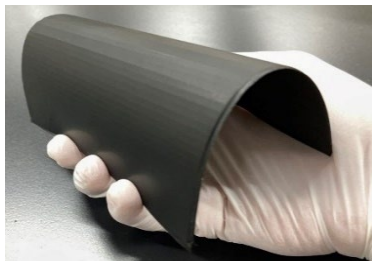
Flexibility

M-type ferrite sheet has a flexibility to follow the curvature of the adherend.

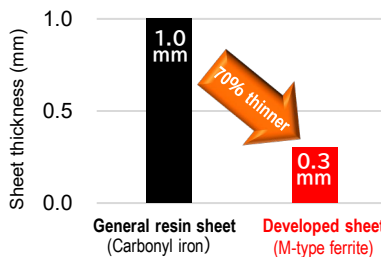
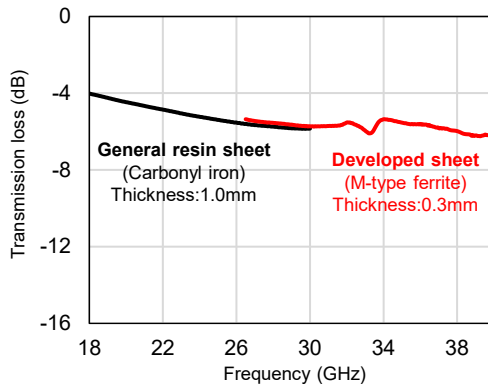
CHARACTERISTICS



[Comparison of transmission loss of EM wave absorption sheets]



[Appearance of M-type ferrite sheet]



[Sheet thickness comparison for equivalent transmission loss]

APPLICATIONS

- EMC countermeasures for next-generation mobile communication equipment or communication base station such as 5G

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