

Abstracts

Microwave Permeability Tensor of Partially Magnetized Ferrites

M. Igarashi and Y. Naito. "Microwave Permeability Tensor of Partially Magnetized Ferrites." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 269-271.

The microwave permeability tensor of partially magnetized ferrites is formulated. The theory clarifies that the remarkable low-field losses disappear if $\omega/\mu_0 M_0 \leq \sqrt{5}/3$. The theory also is in good agreement with experimental results.

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