

Abstracts

Scattering Coefficients of an Inductive Strip in a Finline: Theory and Experiment

J.B. Knorr and J.C. Deal. "Scattering Coefficients of an Inductive Strip in a Finline: Theory and Experiment." 1985 Transactions on Microwave Theory and Techniques 33.10 (Oct. 1985 [T-MTT] (Special Issue on Numerical Methods)): 1011-1017.

This paper describes the application of the spectral-domain method to the computation of the scattering coefficients of an inductive strip in a millimeter-wave finline. Measured scattering data are compared with numerical data to establish the accuracy of the results. The predicted and measured responses of several finline resonators are also compared.

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