

Abstracts

Analysis of Multilayer Microstrip Lines by a Conformal Mapping Method (Short Papers)

J. Svacina. "Analysis of Multilayer Microstrip Lines by a Conformal Mapping Method (Short Papers)." 1992 Transactions on Microwave Theory and Techniques 40.4 (Apr. 1992 [T-MTT]): 769-772.

The article contains an investigation of multilayer microstrip transmission lines. The conformal mapping method is used to obtain simple analytical relations for the filling factors and the effective permittivity of two fundamental types of three-layer microstrips. Numerical results obtained by the present method are compared with available data from other authors.

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