

Abstracts

The Method of Lines for the Analysis of Planar Waveguides with Finite Metallization Thickness

F.J. Schmuckle and R. Pregla. "The Method of Lines for the Analysis of Planar Waveguides with Finite Metallization Thickness." 1991 Transactions on Microwave Theory and Techniques 39.1 (Jan. 1991 [T-MTT]): 107-111.

The method of lines has been applied to many different planar waveguide structures, but up to now only infinitely thin metallizations have been considered. In this paper it will be shown how the method can be extended for the analysis of waveguides with finite metallization thickness. The results for microstrip and finline are presented and compared with those of other authors.

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