

Abstracts

An Analytical Solution to the Microstrip Line Problem

D. Homentcovschi. "An Analytical Solution to the Microstrip Line Problem." 1990 Transactions on Microwave Theory and Techniques 38.6 (Jun. 1990 [T-MTT]): 766-769.

An analytical method to determine the capacitance of microstrip lines in an inhomogeneous medium is presented. The capacitance is expressed in terms of the solution of an infinite system of linear equations. The numerical examples included provide a very good approximation for cases of practical interest.

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