

Abstracts

A Potential Theory Method for Covered Microstrip (Short Papers)

A. Farrar and A.T. Adams. "A Potential Theory Method for Covered Microstrip (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.7 (Jul. 1973 [T-MTT]): 494-496.

Matrix methods are used to analyze the properties of covered microstrip. The Green's function is calculated by a potential theory method assuming the TEM mode of propagation. Computed impedance values of covered microstrip agree closely with other experimental and theoretical data. The technique is a general one and can be used to treat multiple-layer and covered microstrip.

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