

Abstracts

Microstrip Discontinuity Modelling for Millimetric Integrated Circuits

P.B. Katehi and N.G. Alexopoulos. "Microstrip Discontinuity Modelling for Millimetric Integrated Circuits." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 571-573.

A theoretical approach for the representation of microstrip discontinuities by equivalent circuits with frequency dependent parameters is presented. The method accounts accurately for the substrate presence and associated surface wave model, strip finite thickness and radiation losses. The method can also be applied for the solution of microstrip components in the millimetric frequency range.

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