Abstracts

A New Approach to the Microstrip Lines with Finite Strip Thickness and Conductivity

J.-Y. Ke and C.H. Chen. "A New Approach to the Microstrip Lines with Finite Strip Thickness and Conductivity." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 931-934.

A new approach is proposed for an analysis of microstrip line whose signal strip has finite thickness and conductivity. By this approach, the CPU time in computation may be much reduced. In this work, the phase constant Beta and attenuation constant a of a microstrip line with finite strip thickness and finite conductivity are discussed, together with the current distributions along the signal strip.

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