Abstracts

New Quasi-Static Models for the Computer-Aided Design of Suspended and Inverted Microstrip Lines (Short Papers)

R.S. Tomar and P. Bhartia. "New Quasi-Static Models for the Computer-Aided Design of Suspended and Inverted Microstrip Lines (Short Papers)." 1987 Transactions on Microwave Theory and Techniques 35.4 (Apr. 1987 [T-MTT]): 453-457.

New quasi-static models for the computer-aided design (CAD) and analysis of open suspended and inverted microstrip lines are reported. The models are obtained through generalizing those reported earlier and are applicable up to epsilon/sub r/= 20, thereby covering all the practically used substrate materials for these structures. The models also cover a larger range of dimension ratios and are accurate to within 0.6 percent for analysis and within 1 percent for synthesis.

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