

Abstracts

Overview of Quasi-Planar Transmission Lines

T. Itoh. "Overview of Quasi-Planar Transmission Lines." 1989 Transactions on Microwave Theory and Techniques 37.2 (Feb. 1989 [T-MTT] (Special Issue on Quasi-Planar Millimeter-Wave Components and Subsystems)): 275-280.

A number of quasi-planar transmission lines are reviewed in terms of the general propagation characteristics including useful features, precautions in practice, and some design information. Transmission lines discussed in this paper include coplanar waveguides, finlines, suspended stripline, and microslab waveguides. Attenuation characteristics of some of these lines are compared. In addition, the problems of discontinuity characterizations are included.

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