

Abstracts

Variational Solutions to E-Plane Bilateral Septum in Waveguide

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The variational technique has been extended to the study of the E-plane touching and nontouching bilateral septum in waveguide. Computed data using the developad equations show good agreement with the experimental data. Closed form expressions of input admittance and equivalent circuit are obtained and can be directly used in practice to design E-plane circuits.

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