

Abstracts

Capacitance Parameters of Coupled Elliptic Microstrip Disks in Layered Anisotropic Media (Short Papers)

R.R. Boix and M. Horno. "Capacitance Parameters of Coupled Elliptic Microstrip Disks in Layered Anisotropic Media (Short Papers)." 1990 Transactions on Microwave Theory and Techniques 38.6 (Jun. 1990 [T-MTT]): 794-796.

An algorithm is provided to calculate the modal capacitances and the gap capacitance of coupled microstrip elliptic disks embedded in layered media with dielectric anisotropy. The capacitance parameters determined are useful in accounting for coupling effects in the design of interacting lumped microstrip components of elliptic shape.

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