

Abstracts

Microstrip Discontinuity Capacitances for Right-Angle Bends, T Junctions, and Crossings

P. Silvester and P. Benedek. "Microstrip Discontinuity Capacitances for Right-Angle Bends, T Junctions, and Crossings." 1973 Transactions on Microwave Theory and Techniques 21.5 (May 1973 [T-MTT]): 341-346.

The integral equations governing the electrostatics of the excess charge distribution near microstrip rightangle bends, T junctions, and crossings are formulated and subsequently solved by a projective method. Extensive discontinuity capacitances are presented in graphical form. Where possible, the data are compared to the available experimental results.

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