

Abstracts

The Electrical Characterization of a Right-Angled Bend in Microstrip Line (Short Papers)

R. Horton. "The Electrical Characterization of a Right-Angled Bend in Microstrip Line (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.6 (Jun. 1973 [T-MTT]): 427-429.

An approach to the solution of the equivalent electrical length, and the additional capacitance, associated with a right-angled bend in microstrip line are outlined. The calculations were performed under static assumptions, corresponding to a quasi-TEM mode of propagation of the fields. Although little theoretical work existed for comparison at the time of writing, encouraging reinforcement was gained with experimental results cited from the literature.

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