Abstracts

Development of Semi-Empirical Design Equations for Symmetrical Three-Line Microstrip Couplers (Short Papers)

Semi-empirical design equations for symmetrical three-line microstrip couplers (TMC's) have been developed. The approach is based on dividing the total capacitance of the system into various basic capacitances, which are then calculated empirically and semi-numerically. The numerical results based on these design equations have been found in good agreement with the previously obtained results.

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