

Abstracts

Coupling of Crossed Planar Multiconductor Systems

W. Veit, H. Diestel and R. Pregla. "Coupling of Crossed Planar Multiconductor Systems." 1990 Transactions on Microwave Theory and Techniques 38.3 (Mar. 1990 [T-MTT]): 265-269.

Capacitive couplings between orthogonally crossed, galvanically separated transmission lines are analyzed using the "method of lines." The static capacitances of typical stripline configurations are calculated. Charge density distributions occurring when two parallel striplines are crossed by a third are described.

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