

Abstracts

The Interdigitated Three-Strip Coupler (Short Papers)

S.M. Perlow and A. Presser. "The Interdigitated Three-Strip Coupler (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.10 (Oct. 1984 [T-MTT]): 1418-1422.

A general design procedure for three-strip interdigitated couplers with arbitrary coupling values is presented. These results are then applied, for various coupling values, to both stripline and microstrip media to check the physical realizability. The dimensions of the coupler can be substantially affected by allowing a small degree of impedance mismatching.

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