

Abstracts

Analysis and Design of Ideal Non Symmetrical Coupled Microstrip Directional Couplers

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Ideal directional couplers consisting of coupled asymmetric lines in an inhomogeneous medium have been realized by equalizing the inductive and capacitive coefficients of coupling. Analysis, design procedure and examples of such high directivity asymmetric couplers consisting of various planar and layered structures are presented together with the experimental results for 6 dB couplers on Alumina.

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