

Abstracts

Multilayer Planar Structures for High Directivity Directional Coupler Design (1986 [MWSYM])

M. Horro and F. Medina. "Multilayer Planar Structures for High Directivity Directional Coupler Design (1986 [MWSYM])." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 283-286.

One of the problems that appear in the directional couplers designed with coupled transmission lines embedded in nonhomogeneous medium is their poor directivity. In this work several multilayer configurations for high directivity coupler design are studied by means of a variational technique in the spectral domain, and a set of curves for an optimum design are included.

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