

Abstracts

Characteristics of Unsymmetrical Broadside-Coupled Strips in an Inhomogeneous Dielectric Medium

C.L. Chao. "Characteristics of Unsymmetrical Broadside-Coupled Strips in an Inhomogeneous Dielectric Medium." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 119-121.

A method is presented for determining the characteristics of unsymmetrical broadside-coupled strips imbedded in an inhomogeneous dielectric medium enclosed by a rectangular shield. The characteristics of the coupled lines have been obtained in terms of even- and odd-mode velocities, coupling coefficients, and even- and odd-mode admittances. Numerical results are given for a variety of configurations.

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