Abstracts

Measurement and Computer-Aided Modeling of Microstrip Discontinuities by an Improved Resonator Method

M. Kirschning, R.H. Jansen and N.H.L. Koster. "Measurement and Computer-Aided Modeling of Microstrip Discontinuities by an Improved Resonator Method." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 495-497.

The broad-band characterization of microstrip discontinuities by an improved resonator technique is describecl. This technique involves hitherto unknown expressions accounting for nonsymmetrical gap coupling and employs an efficient error function for the computer-aided modeling of microstrip n-ports. It is applied to derive new analytical results for microstrip corners and chamfered right-angle bends.

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