Abstracts

Characteristics of Multiconductor, Asymmetric, Slow-Wave Microstrip Transmission Lines (1986 [MWSYM])

T.C. Mu, H. Ogawa and T. Itoh. "Characteristics of Multiconductor, Asymmetric, Slow-Wave Microstrip Transmission Lines (1986 [MWSYM])." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 695-698.

Spectral Domain Technique has been applied to analyze multiconductor, asymmetric slow-wave microstrip lines. It is observed that slow-wave factor of odd mode of coupled microstrip lines may be equal to or larger than that of even mode under appropriate conditions. This presents the flexibility to realize a large variety of passive components, such as directional coupler, phase shifter, power combiner/divider.

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