

Abstracts

New Aspects Concerning the Definition of Microstrip Characteristic Impedance as a Function of Frequency

R.H. Jansen and N.H.L. Koster. "New Aspects Concerning the Definition of Microstrip Characteristic Impedance as a Function of Frequency." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 305-307.

The definition of microstrip characteristic impedance is considered in conjunction with a rigorous frequency dependent hybrid-mode approach to planar n-ports. Analytical reflections of general validity and numerical results obtained for the nonsymmetrical gap and the microstrip impedance step provide new aspects for a proper choice of the definition.

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