

Abstracts

A Complete Analysis of the Discrete Mode Spectrum of Open Microstrip Transmission Lines

A.R. Van de Capelle, P.J. Luypaert and K.U. Leuven. "A Complete Analysis of the Discrete Mode Spectrum of Open Microstrip Transmission Lines." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 413-415.

A complete analysis of the discrete mode spectrum of open microstrip transmission lines is presented. Proposing a complete set of distribution functions for the longitudinal component of the current on the stripconductor, the dispersion characteristics of the discrete modes are derived. The discrete modes have physical acceptable and interesting properties.

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