

Abstracts

Interdigital Microstrip Circuit Parameters Using Empirical Formulas and Simplified Model (Aug. 1979 [T-MTT])

A.B. Dalby. "Interdigital Microstrip Circuit Parameters Using Empirical Formulas and Simplified Model (Aug. 1979 [T-MTT])." 1979 *Transactions on Microwave Theory and Techniques* 27.8 (Aug. 1979 [T-MTT]): 744-752.

Empirical formulas are given for single- and multiple-coupled microstrips, directly giving propagation mode admittances and phase velocities to be used in simplified expressions for the admittance parameters for the 2N-port network in the form of N-coupled strips, thus forming the basis for both analysis and synthesis of interdigital microstrip circuits. Calculated and measured results are presented for two interdigital band-pass filters synthesized as Chebyshev filters.

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