

Abstracts

Anisotropic Properties of Strip-Type Artificial Dielectric

N.J. Kolettis and R.E. Collin. "Anisotropic Properties of Strip-Type Artificial Dielectric." 1961 Transactions on Microwave Theory and Techniques 9.5 (Sep. 1961 [T-MTT]): 436-441.

Theoretical formulas for the propagation phase constant of a two-dimensional strip medium are presented for general directions of propagation. In addition a number of experimental results are included that verify the validity of the theory. Some of the difficulties encountered in defining equivalent dielectric constants for this medium are also pointed out.

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