

Abstracts

Frequency Dependence of a Coupled Pair of Microstrip Lines (Correspondence)

E.J. Denlinger. "Frequency Dependence of a Coupled Pair of Microstrip Lines (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.10 (Oct. 1970 [T-MTT]): 731-733.

A Fourier-transform method is used for determining the frequency dependence of the transmission parameters for coupled micro strip lines. Experimental measurements of the even- and odd-mode velocities are described for substrates made of dielectric as well as demagnetized ferrite. The results show a significant difference in the amount of dispersion of the two normal modes of propagation.

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