

Abstracts

Millimeter-Wave Fin-Line Characteristics

J.B. Knorr and P.M. Shayda. "Millimeter-Wave Fin-Line Characteristics." 1980 Transactions on Microwave Theory and Techniques 28.7 (Jul. 1980 [T-MTT]): 737-743.

This paper presents an analysis of the fin line. The spectral-domain technique is used to determine both wavelength and characteristic impedance. Numerical results are compared with known data for ridged waveguide slab-loaded waveguide, and slotline. Design curves are presented for practical millimeter-wave fin line structures.

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