

Abstracts

Characteristics of Unilateral Fin-Line Structures with Arbitrarily Located Slots (Apr. 1981 [T-MTT])

L.P. Schmidt, T. Itoh and H. Hofmann. "Characteristics of Unilateral Fin-Line Structures with Arbitrarily Located Slots (Apr. 1981 [T-MTT])." 1981 Transactions on Microwave Theory and Techniques 29.4 (Apr. 1981 [T-MTT]): 352-355.

Generalized unilateral fin-line configurations for extended millimeter-wave applications are analyzed using the equivalent transmission-line concept in the spectral domain. Numerical results for the frequency-dependent propagation constants and characteristic impedances of various structures are presented.

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