

Abstracts

Higher Order Modes in Suspended Substrate Microstrip Lines

I.P. Polichronakis and S.S. Kouris. "Higher Order Modes in Suspended Substrate Microstrip Lines." 1993 Transactions on Microwave Theory and Techniques 41.7 (Aug. 1993 [T-MTT]): 1449-1454.

The characteristics of both types of higher order modes in suspended substrate microstrip lines are evaluated using Spectral Domain Analysis. Also, the cutoff frequencies of the first two higher order modes are computed and the operation bandwidth is evaluated. The obtained results are compared with some estimated values given by other authors. Finally, design curves are reported for practical suspended substrate microstrip line structures.

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