

Abstracts

Computation of the Dispersion Characteristics of a Shielded Suspended Substrate Microstrip Line (Short Papers)

I.P. Polichronakis and S.S. Kouris. "Computation of the Dispersion Characteristics of a Shielded Suspended Substrate Microstrip Line (Short Papers)." 1992 Transactions on Microwave Theory and Techniques 40.3 (Mar. 1992 [T-MTT]): 581-584.

The dispersion characteristics of a shielded suspended substrate microstrip line are calculated using five different sets of basis functions for the current distributions. Their comparison leads to the more suitable basis functions for the acquisition of fast and accurate results for frequencies up to 100 GHz.

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