

## Characterization of Uniform Microstrip Line and its Discontinuities Using the Time-Domain Method of Lines

---

*S. Nam, H. Ling and T. Itoh. "Characterization of Uniform Microstrip Line and its Discontinuities Using the Time-Domain Method of Lines." 1989 Transactions on Microwave Theory and Techniques 37.12 (Dec. 1989 [T-MTT] (1989 Symposium Issue)): 2051-2057.*

The general formulation and the procedure of the time-domain method of lines for the analysis of wave scattering and propagation properties in a planar circuit are described. The results of the time-domain data and the derived frequency-domain characteristics for the uniform microstrip line and its several discontinuities (step, open-end, and gap) are presented.

 [Return to main document.](#)