

New Dispersion Models for Open Suspended Substrate Microstrips

R.S. Tomar and P. Bhartia. "New Dispersion Models for Open Suspended Substrate Microstrips." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 387-389.

New dispersion dielectric constant suspended substrate models for the effective and impedance of open microstrips are presented. For frequencies above 20 GHz, the accuracy of these models (in reproducing the exact fullwave data) is better than 1 percent for the effective dielectric constant and mostly better than 2.5 percent for the impedance.

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