

Abstracts

Cutoff Frequencies in Fin Lines Calculated with a Two-Dimensional TLM-Program

Y.-C. Shih, W.J.R. Hoefer and A.E. Ros. "Cutoff Frequencies in Fin Lines Calculated with a Two-Dimensional TLM-Program." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 261-263.

This paper presents the cutoff frequencies of selected insulated and unilateral fin line structures as calculated with a two-dimensional TLM-program. Through careful correction of truncation, velocity and coarseness errors associated with this method, an overall accuracy of 1% is achieved. This method therefore provides an excellent reference for verifying other existing methods.

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