

Abstracts

Computer Aided Design Models for Unilateral Finlines with Finite Metallization Thickness and Arbitrarily Located Slot Widths

P. Pramanick, R.R. Mansour and R.H. MacPhie. "Computer Aided Design Models for Unilateral Finlines with Finite Metallization Thickness and Arbitrarily Located Slot Widths." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 703-706.

This paper presents closed form design equations for the phase constant of unilateral finlines with finite metallization thickness and arbitrarily located slots. The equations are based on numerical data obtained using the highly accurate conservation of complex power technique.

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