

Abstracts

Efficient Analysis of Finline with Finite Metallization Thickness

J.K. Piotrowski. "Efficient Analysis of Finline with Finite Metallization Thickness." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 213-216.

The transverse resonance method is used for deriving dispersion characteristics of fundamental and higher order modes in finline with arbitrary slot widths and locations with regard to the finite thickness of metallization. In addition to the propagation constant, the characteristic impedance is calculated on the basis of the power-voltage definition.

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