

Abstracts

A Solution of the Earthed Fin Line with Finite Metallization Thickness

A. Beyer and I. Wolff. "A Solution of the Earthed Fin Line with Finite Metallization Thickness." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 258-260.

A method is presented which solves the eigenvalue problem of an earthed fin line considering finite metallization thickness as well as a longitudinal slit in the metal waveguide-mount. Numerical and experimental results are given for the unilateral fin line.

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