

Abstracts

Edge Guided Waves Five Years Later

P. de Santis. "Edge Guided Waves Five Years Later." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 248-250.

This paper reviews the work made on edge guided waves (EGW) in the past five years. It is not comprehensive of all the results existing in the published literature, rather it concentrates on such selected topics as the radiue of curvature of the guiding edge, magnetic, dielectric and ohmic losses, fringing field effects, inhomogeneous magmetic bias, and dielectric loading of the guiding edge. Performance data of some EGW isolators and circulators are also discussed.

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