

Abstracts

Disc-Type Resonator Mount in Rectangular Waveguide

M.E. Bialkowski. "Disc-Type Resonator Mount in Rectangular Waveguide." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 196-198.

The field matching technique is applied to analyse a disc-type resonator mount in a rectangular waveguide. Two cases are considered: (i) of a single and (ii) of a double coaxial entry mount. Using the the mount numerical impedance developed theory input impedance of is determined. A comparison between and experimental data for the input is made and shows good agreement.

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