

Abstracts

Dispersion Characteristics and Field Structure of an Axially Magnetized Ferrite Loaded Rectangular Waveguide

J.T. Bara and D.M. Bolle. "Dispersion Characteristics and Field Structure of an Axially Magnetized Ferrite Loaded Rectangular Waveguide." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 71-73.

A basic limitation in an earlier work on the axially magnetized, ferrite loaded rectangular guide has led to a detailed re-examination of this problem. Both a series solution and a perturbational technique are used to find dispersion curves and field patterns.

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