

Abstracts

Analysis of a Circular Waveguide Cavity Loaded with Thick Ferrite Disks

J.M. Hellums and L.E. Davis. "Analysis of a Circular Waveguide Cavity Loaded with Thick Ferrite Disks." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 251-254.

Solutions with $e^{-\mu z} e^{j\theta}$ azimuthal dependence are investigated, with the aid of the computer, for a circular waveguide cavity containing thick, axially magnetized ferrite disks. Such an investigation and investigations of related configurations may have an application in the theory of the E-plane circulator.

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