Abstracts

The Quasi-Optical Ferrite Reflection Circulator: Microwave Performance and Applications

N.W. Harris, J.A. Weiss, B. Lax and G.F. Dionne. "The Quasi-Optical Ferrite Reflection Circulator: Microwave Performance and Applications." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 105-108.

We present experimental measurements of insertion loss and isolation on a reflection type quasi-optical circulator. We will also compare the results of the analysis of the microwave and thermal characteristics to experiment. Computed estimates of power capabilities show that megawatt average power levels at millimeter wavelengths are feasible.

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