

Abstracts

Analysis of a Waveguide-Disk Load

H.E. Bialkowski and O. Shahan. "Analysis of a Waveguide-Disk Load." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 375-378.

A theoretical analysis of a waveguide-disk load commonly used in radar duplexers is carried out. An expression for the input reflection coefficient of the load is derived and verified experimentally. Based on computational results the operation of the load is explained.

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