

Abstracts

Thick Circular Iris in a TE/sub 11/ Mode Circular Waveguide (Short Papers)

R.W. Scharstein and A.T. Adams. "Thick Circular Iris in a TE/sub 11/ Mode Circular Waveguide (Short Papers)." 1988 Transactions on Microwave Theory and Techniques 36.11 (Nov. 1988 [T-MTT]): 1529-1531.

The TE/sub 11/ mode excitation of a concentric circular iris of finite thickness in a circular waveguide is analyzed by Galerkin's method with even and odd excitation. Agreement between calculated and measured dominant mode scattering parameters is generally within experimental accuracy.

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