

# Abstracts

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

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

The TE<sub>11</sub> 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.

[Return to main document.](#)