

TE Mode Ridged Waveguide Cavities for ADMX Research

Wednesday, 11 January 2017 14:35 (25 minutes)

The talk will cover the application of Ridged waveguide cavities for ADMX research. Designs are given that cover the frequency range of 2 GHz to 20 GHz. Their Q 's, Coupling Form Factor, and tolerances will be presented. These cavities resonate in the lowest order TE₁₀₀ mode because of their long length.

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