

# Abstracts

## Temperature Compensation of Coaxial Cavities

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*J.R. Cogdell, A.P. Deam and A.W. Straiton. "Temperature Compensation of Coaxial Cavities." 1960 Transactions on Microwave Theory and Techniques 8.2 (Mar. 1960 [T-MTT]): 151-155.*

This paper describes a technique for temperature compensation of coaxial cavities by controlling the capacitance between the end of the center conductor and an end plate across the outer conductor. A formula is derived for this capacitance which is verified experimentally. Supplemental design data are also obtained experimentally.

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