

# Abstracts

## Analysis of a Coaxial-to-Waveguide Adaptor Incorporating a Dielectric Coated Probe

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*M.E. Bialkowski. "Analysis of a Coaxial-to-Waveguide Adaptor Incorporating a Dielectric Coated Probe." 1991 *Microwave and Guided Wave Letters* 1.8 (Aug. 1991 [MGWL]): 211-214.*

An analysis of a coaxial-to-waveguide adaptor that incorporates a solid probe, coated with a dielectric is presented. Based on this analysis, a computer algorithm for an IBM PC is developed. The numerical results for the input impedance of the probe are presented and show good agreement with the other analyses and experiments.

[Return to main document.](#)