

# Abstracts

## Modal Analysis of a Coaxial-Line Waveguide Junction

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*M.E. Bialkowski and P.J. Khan. "Modal Analysis of a Coaxial-Line Waveguide Junction." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 424-426.*

A modal approach is described for analysis of the junction between a coaxial line and a guiding structure having conducting planes on upper and lower surfaces. The expressions are verified by comparison with experimental measurement for the special case of a rectangular waveguide.

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