

Abstracts

A Coplanar Probe to Microstrip Transition (Short Papers)

D.F. Williams and T.H. Miers. "A Coplanar Probe to Microstrip Transition (Short Papers)." 1988 Transactions on Microwave Theory and Techniques 36.7 (Jul. 1988 [T-MTT]): 1219-1223.

A transition between a coplanar probe and a microstrip transmission line is reported. The transition is significant in that it does not require substrate via holes. A set of microstrip impedance standards were developed for the purpose of de-embedding the transition. The transition is suitable for measuring the S parameters of a number of low-cost monolithic microwave integrated circuits with coplanar probes.

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