

# Abstracts

## Characterization of Strip Line Crossing by Transverse Resonance Analysis

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*T. Uwano, R. Sorrentino and T. Itoh. "Characterization of Strip Line Crossing by Transverse Resonance Analysis." 1987 Transactions on Microwave Theory and Techniques 35.12 (Dec. 1987 [T-MTT] (1987 Symposium Issue)): 1369-1376.*

A method of analysis is described for characterizing the discontinuities made of two orthogonally crossed strip lines on a suspended substrate. The method of analysis is based on the generalized transverse resonant technique extended here to four-port configurations. The technique is used for determination of resonant structure at a given frequency and subsequently the equivalent circuit parameters of the discontinuities.

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