

Characterization of Stripline Crossing by Transverse Resonance Analysis

T. Uwano, R. Sorrentino and T. Itoh. "Characterization of Stripline Crossing by Transverse Resonance Analysis." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 777-780.

A method of analysis is described for characterizing the discontinuities made of orthogonally crossed two striplines on a suspended structure. The method of analysis is based on generalized transverse resonant technique extended here to 4-port configurations. The technique is used for determination of resonant structure at a given frequency and subsequently the equivalent circuit parameters of the discontinuities.

 [Return to main document.](#)