

Abstracts

Three-Dimensionally Coupled Microstrip Lines via a Rotated Slot in a Common Ground Plane

T. Wakabayashi and T. Itoh. "Three-Dimensionally Coupled Microstrip Lines via a Rotated Slot in a Common Ground Plane." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 999-1002.

Microstrip lines coupled through a slot in a common ground plane are analyzed. The slot is rotated with respect to the propagating axis of the microstrips. The analysis is based on the spectral domain method and the reciprocity theorem. Numerical results of the S parameters are presented for different values of angle of rotation of the slot.

[Return to main document.](#)