

Abstracts

Multilayer Aperture-Coupled Broadside Microstrip Lines

S. Kunasani and C. Nguyen. "Multilayer Aperture-Coupled Broadside Microstrip Lines." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1367-1369.

This paper describes new multilayer aperture-coupled broadside microstrip lines suitable for miniaturized microwave monolithic integrated circuits (MMICS). The new transmission line structure is applicable to both loose and tight coupling applications. The quasi-static spectral domain method is used to determine both the c- and pi-mode characteristic impedances and effective dielectric constants.

 [Return to main document.](#)