

Abstracts

Recent Developments in Microwave Slot-Line Mixers and Frequency Multipliers

J.K. Hunton and J.S. Takeuchi. "Recent Developments in Microwave Slot-Line Mixers and Frequency Multipliers." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 196-199.

A new type of planar balanced circuit, suitable for the realization of broadband microwave mixers and frequency multipliers, in integrated circuit form, was described in September 1969. In this circuit, a hybrid junction was formed by joining a slot transmission line and a coplanar transmission line. Four diodes were connected at the junction in the form of a ring to realize a balanced mixer.

[Return to main document.](#)