

Abstracts

Uni-Planar MIC Balanced Multiplier - A Proposal of New Structure for MIC's

H. Ogawa, T. Hirota and A. Minagawa. "Uni-Planar MIC Balanced Multiplier - A Proposal of New Structure for MIC's." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 181-184.

A novel uni-planar balanced MIC (Microwave Integrated Circuit) multiplier is proposed and its characteristics discussed. The circuit uses a combination of coplanar waveguides and slotlines on one side of the substrate. The uni-planar MIC multiplier has been designed at the 13-GHz band and fabricated on an alumina substrate, and good performance has been achieved.

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