

Abstracts

An Ultra Wide Bandwidth Power Divider on MMIC Operating 4 to 1.0 GHz (1989 Vol. I [MWSYM])

J. Staudinger. "An Ultra Wide Bandwidth Power Divider on MMIC Operating 4 to 1.0 GHz (1989 Vol. I [MWSYM])." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 275-278.

A circuit topology has been developed to realize power dividers with bandwidths of 2.5:1 or greater on MMIC. A three-way divider has been fabricated which achieved 5.8 dB nominal insertion loss and 18 dB isolation from 4 to 10 GHz. This topology consists of lumped element interconnected networks and is thus ideally suited for MMIC technology.

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