

Abstracts

A New Slotline-Microstrip Frequency Halver

G.A. Kalivas and R.G. Harrison. "A New Slotline-Microstrip Frequency Halver." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 683-686.

A novel frequency-halving structure employs a matched pair of varactors in a configuration composed of both slotline and microstrip transmission-line sections. A planar 4th-order Marchand balun simultaneously provides both output matching and a balance-to-unbalance transition.

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