

Abstracts

A New Compact Wideband Balun

M.C. Tsai. "A New Compact Wideband Balun." 1993 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 93.1 (1993 [MCS]): 123-126.

A novel wideband balun has been developed for MMIC applications. The new approach utilizes simple RF reflection and coupling principles to achieve a wideband performance in a simple microstrip configuration. A balun with better than 2 dB of insertion loss, 1 dB and 5° of amplitude and phase balance over 7 to 19 GHz has been realized.

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