

Abstracts

Broadband Monolithic Single and Double Ring Active/Passive Mixers

A.M. Pavio, R.H. Halladay, S.D. Bingham and C.A. Sapashe. "Broadband Monolithic Single and Double Ring Active/Passive Mixers." 1988 *Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest* 88.1 (1988 [MCS]): 71-74.

Several double balanced multi-octave bandwidth mixers, comprised of active center tapped baluns and diode rings have been fabricated using planar monolithic circuit technology. The unique approach eliminates IF extraction problems and combines the best performance characteristics of FETs and diodes.

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