

Abstracts

Selecting Matched Diodes from a Diode Array for Monolithic Balanced Mixers (Correspondence)

W.H. Leighton, Jr. and A.G. Milnes. "Selecting Matched Diodes from a Diode Array for Monolithic Balanced Mixers (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.1 (Jan. 1969 [T-MTT]): 49-51.

Suppression of local oscillator noise in balanced mixers depends upon the degree of match of the mixer diode characteristics. A method of obtaining matched diodes in a monolithic mixer by fabricating an array of diodes and selecting a matched pair is proposed.

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