

Abstracts

[**A Low-Noise Millimeter MIC Mixer \(Short Papers\)**](#)

A.J. Kelly and H.C. Okean. "A Low-Noise Millimeter MIC Mixer (Short Papers)." 1976

Transactions on Microwave Theory and Techniques 24.11 (Nov. 1976 [T-MTT] (Special Issue on Millimeter Waves: Circuits, Components, and Systems)): 867-869.

This short paper describes a K/sub a/-band integrated circuit mixer which, when integrated with a 2.5-dB-noise-figure IF amplifier, yields a 6-d13 double-sideband noise figure over the band 36.5-38.5 GHz. A readily machinable low dielectric constant substrate has been utilized.

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