

Abstracts

A Broad-Band 40--60-GHz Balanced Mixer (Letters)

A. Hislop and R.T. Kihm. "A Broad-Band 40--60-GHz Balanced Mixer (Letters)." 1976

Transactions on Microwave Theory and Techniques 24.1 (Jan. 1976 [T-MTT]): 63-64.

A wide-band fixed-tuned millimeter-wave balanced mixer covering 40-60 GHz is described. Conversion loss of $8.5 \text{ dB} \pm 1 \text{ dB}$ from 40-58 GHz was obtained using unencapsulated silicon Schottky-barrier diodes.

[Return to main document.](#)