

# Abstracts

## **A New Microwave Mixer Suitable for Use with Very High Intermediate Frequencies (Correspondence)**

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*P.C. Butson and M.H. Glover. "A New Microwave Mixer Suitable for Use with Very High Intermediate Frequencies (Correspondence)." 1962 Transactions on Microwave Theory and Techniques 10.2 (Mar. 1962 [T-MTT]): 147-148.*

In the conventional microwave mixer it is generally necessary to provide a low-pass filter or some similar network in the intermediate frequency output circuit. This filter usually takes the form of a capacitance or choke, which is arranged to present, as nearly as possible, a short circuit to the signal and local oscillator frequencies. For a microwave mixer with an IF of less than 100 Mc chokes have been found to be satisfactory provided that a correct choice of the short-circuit position has been made.

[Return to main document.](#)