

Abstracts

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

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 inter-mediatefrequency 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.

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