

Abstracts

Compact YIG Bandpass Filter with Finite-Pole Frequencies for Applications in Microwave Integrated Circuits (Short Papers)

P. Roschmann. "Compact YIG Bandpass Filter with Finite-Pole Frequencies for Applications in Microwave Integrated Circuits (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.1 (Jan. 1973 [T-MTT]): 52-57.

A miniaturized, narrow-bandwidth, two-stage YIG bandpass filter is described that can be incorporated into microstrip circuits. The selectivity is increased by introducing finite-pole frequencies. This is realized by additional coupling between the input and output lines leading to the YIG-coupling section.

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