

Abstracts

Distributed Microwave Active Filters with GaAs FETs

C. Rauscher. "Distributed Microwave Active Filters with GaAs FETs." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 273-276.

The study focuses on the application of transversal and recursive principles to the design of broadband active filters for microwave frequencies, employing microwave transistors as active elements. Physical implementation of these concepts is illustrated with a transversal-type and a recursive-type experimental filter. To offer a convenient basis for comparison, both examples are chosen to provide 9-to-15-GHz bandpass responses.

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