

Abstracts

Non-Minimum Phase, Optimum Amplitude, Bandpass Waveguide Filters

A.E. Atia and A.E. Williams. "Non-Minimum Phase, Optimum Amplitude, Bandpass Waveguide Filters." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 210-212.

This paper describes the synthesis of narrow-bandpass waveguide filters having flat group delay and optimum amplitude characteristics. The design utilizes orthogonal-mode square waveguide cavities which lead to compact and lightweight filters.

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