

Abstracts

An Easy Tunable Stepped Coupled Lines Filter (Short Papers)

G. Saulich. "An Easy Tunable Stepped Coupled Lines Filter (Short Papers)." 1981 Transactions on Microwave Theory and Techniques 29.11 (Nov. 1981 [T-MTT]): 1238-1240.

A stripline bandpass filter setup consisting of two stepped coupled lines is presented, with special emphasis being given to practical realization. The theoretical design of the filter is based on the known synthesis of directional couplers and is outlined briefly. Practical setup of the filter, together with a simple tuning mechanism, is described in detail. Measurements performed show good agreement with theoretical results.

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