

Abstracts

Frequency hopping evanescent mode filter

J. Sherman. "Frequency hopping evanescent mode filter." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1169-1172.

This paper describes a novel high speed varactor tuned evanescent (EV) mode hopping filter operating at C-Band. The 6 /spl mu/sec tuning speed is compatible with military frequency-hopping applications. Loss compensation is provided by variable gain MMIC amplifiers between 3-pole filter sections.

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