

Compact Bandpass Filters with Improved Stop-Band Characteristics Using Planar Multilayer Structures

W. Schwab and W. Menzel. "Compact Bandpass Filters with Improved Stop-Band Characteristics Using Planar Multilayer Structures." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1207-1209.

Using multilayer structures, very compact planar bandpass filters can be designed with improved stop-band characteristics taking full advantage of the additional degrees of freedom given by that arrangement. As examples, a suspended stripline filter with suppression of the first harmonic frequency and a finline filter with improved attenuation close to the pass-band is presented.

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