

Folded-Line and Hybrid Folded-Line Bandstop Filters

P.A. Dupuis and E.G. Cristal. "Folded-Line and Hybrid Folded-Line Bandstop Filters." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 162-164.

The feasibility of a new, compact bandstop filter geometry is demonstrated theoretically and experimentally. The filter geometry is particularly suited for stripline and MIC fabrications in that grounding is not required for any part of the filter. Hybrid folded-line geometries allow the filter designer substantial flexibility in choosing a suitable shape factor without significantly effecting the filter's electrical characteristics. The filter geometry is suitable for narrow bandwidth (provided capacitive coupled stubs are used) to wide bandwidth applications.

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