

# Abstracts

## Multilayer Suspended Stripline and Coplanar Line Filters (Short Papers)

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*W. Schwab, F. Boegelsack and W. Menzel. "Multilayer Suspended Stripline and Coplanar Line Filters (Short Papers)." 1994 Transactions on Microwave Theory and Techniques 42.7 (Jul. 1994, Part II [T-MTT] (Special Issue on Filters and Multiplexers)): 1403-1407.*

Using metallization patterns on both sides of a suspended stripline substrate or adding an additional dielectric and conductor layer to coplanar line circuits, additional degrees of freedom arise for filter design like an extended range of impedances, tightly coupled line structures or increased end coupling between lines of different metallization layers. In this way, very compact filter circuits with improved performances may be realized as it is shown for different types of filters using this technique, even including active elements to realize strongly frequency selective amplifiers or active filters.

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