

# Abstracts

## Improved Hairpin-Line Filters

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*U.H. Gysel. "Improved Hairpin-Line Filters." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 205-207.*

A new theory is presented for hairpin-line and hybrid hairpin-line/half-wave parallel-coupled-line filters that leads to a better physical understanding of the filter response. Improved performance is obtained. In particular, the bandwidth can be controlled closely. Results are compared with previous designs.

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