

# Abstracts

## Microwave, Doppler Invariant, Pulse Compression Filters

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*J.D. Rhodes. "Microwave, Doppler Invariant, Pulse Compression Filters." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 6-7.*

The complete design theory, including explicit formulae for element values, is presented for waveguide or stripline pulse compression filters which approximate an ideal response in an optimum maximally flat manner. For an  $n$ th degree filter, peak power compression ratios in excess of  $n$  are shown to be possible.

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