

# Abstracts

## New Application of Evanescent Mode Wave-Guide to Filter Design (Dec. 1977 [T-MTT])

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*R.V. Snyder. "New Application of Evanescent Mode Wave-Guide to Filter Design (Dec. 1977 [T-MTT])." 1977 Transactions on Microwave Theory and Techniques 25.12 (Dec. 1977 [T-MTT] (1977 Symposium Issue)): 1013-1021.*

Evanescent waveguide (rectangular or round) sections are used in conjunction with an admittance inverter synthesis technique incorporating frequency variable turns ratios to realize wide-band microwave (up to 1 octave) and low-frequency (60-MHz) low-loss bandpass filters. This work extends and corrects previous published information.

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