

# Abstracts

## New Application of Evanescent Mode Waveguide to Filter Design (1977 [MWSYM])

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*R.V. Snyder. "New Application of Evanescent Mode Waveguide to Filter Design (1977 [MWSYM])." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 294-297.*

Evanescent waveguide (rectangular or round) sections are used in conjunction with an admittance inverter synthesis technique incorporating frequency variable turns ratios to realize wideband 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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