

# Abstracts

## Broadband Waveguide Filters with Wide Stopbands Using a Stepped-Wall Evanescent Mode Approach

---

*R.V. Snyder. "Broadband Waveguide Filters with Wide Stopbands Using a Stepped-Wall Evanescent Mode Approach." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 151-153.*

Utilizing more than one below cut-off cross section, evanescent mode series coupled bandpass filters are described which achieve wide passbands and stopbands with practical mechanical dimensions. Performance is comparable to the conventional approach. The new design is applicable for center frequencies to above 40 GHz.

 [Return to main document.](#)