

# Abstracts

## A Narrowband Filter with a Wide Spurious-Free Stopband

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*R.R. Bonetti and A.E. Williams. "A Narrowband Filter with a Wide Spurious-Free Stopband." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1331-1333.*

This paper describes a 6-pole, 12-GHz, pseudo-elliptic 76-MHz bandpass filter which achieves a stopband attenuation of greater than 50 dB up to 25 GHz. This design eliminates the need for a separate low-pass filter in applications such as output multiplexer of satellite transponders.

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