

Abstracts

A Hexa-Mode Bandpass Filter

R.R. Bonetti and A.E. Williams. "A Hexa-Mode Bandpass Filter." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 207-210.

A 6-pole, K/sub u/-band, pseudo-elliptic bandpass filter which utilizes the sixfold degeneracy of a single rectangular cavity is presented. This design achieves significant savings in mass and volume when compared to 6-pole dual and/or triple-mode filters of equivalent performance.

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