

Abstracts

Weighted Unidirectional Transducer SAW Filter at 328 MHz

B.R. Potter and C.S. Hartmann. "Weighted Unidirectional Transducer SAW Filter at 328 MHz." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 297-299.

The first UHF, finger withdrawal weighted, unidirectional transducer surface acoustic wave (SAW) filter is reported in this paper. It has only 4.5 dB insertion loss at 328 MHz and a 1 percent bandwidth. The filter has -48 dB sidelobes and greater than -50 dB triple transit suppression.

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