

Abstracts

Microwave Filters Utilizing the Cutoff Effect

P.A. Rizzi. "Microwave Filters Utilizing the Cutoff Effect." 1956 *Transactions on Microwave Theory and Techniques* 4.1 (Jan. 1956 [T-MTT]): 36-40.

Two band-rejection microwave filters employing the waveguide cutoff effect are discussed. One type utilizes the cutoff property in the series arm of an E plane tee to improve the filter's characteristics, while the other utilizes this property in the E and H arms of a magic tee. Experimental data for both single and multistage filters are presented. Methods of obtaining low standing wave ratios over a broad pass-band are also presented.

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