

Abstracts

Rectangular Waveguide Type Variable Band-Pass Filters

S. Toyoda and M. Ozasa. "Rectangular Waveguide Type Variable Band-Pass Filters." 1979 *MTT-S International Microwave Symposium Digest* 79.1 (1979 [MWSYM]): 281-283.

Two rectangular waveguide type variable band-pass filters for 10 GHz and 4 GHz bands have been proposed and tested. The pass-band width varied from 600 MHz to 2.2 GHz in the filter using ridge resonant irises, and it varied 260 MHz to 1.02 GHz in the filter using varactor-diodes. The center frequency of both filters could be changed arbitrarily.

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