

Abstracts

Quasioptical Waveguide Filters

J.J. Taub, H.J. Hindin and G.P. Kurpis. "Quasioptical Waveguide Filters." 1964 PTGMTT International Symposium Program and Digest 64.1 (1964 [MWSYM]): 98-102.

Oversize waveguide has recently been used successfully to develop a variable attenuator, directional coupler, phase shifter, and a duplexer at 330 Gc. Use of oversize waveguide results in lower loss components at millimeter and submillimeter wavelengths. Filter structures using quasioptical techniques in oversize waveguides are described in this paper.

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