

Abstracts

Circular-Electric Mode Waveguide Couplers and Junctions for use in Gyrotron Traveling-Wave Amplifiers (1980 [MWSYM])

L.R. Barnett, J.M. Baird, A.W. Fliflet and V.L. Granatstein. "Circular-Electric Mode Waveguide Couplers and Junctions for use in Gyrotron Traveling-Wave Amplifiers (1980 [MWSYM])." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 96-98.

Recent gyrotron traveling-wave amplifier experiments in the $TE^{\circ}/_{\text{sub } 01/}$ mode have led to the developing of 2-port and 4-port devices useful as input couplers, severers, and beam-rf separators for collector designs. We present analytical and experimental results.

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