

Abstracts

Beam Lead Dielectric Crossbar Mixers from 60 to 140 GHz

J. Paul, L. Yuan and P. Yen. "Beam Lead Dielectric Crossbar Mixers from 60 to 140 GHz." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 372-373.

Dielectrically loaded crossbar mixers have been developed for operation from 60 to 140 GHz. Using beam lead diodes and a low cost fabrication technique, conversion losses of 5 dB at V band, 5 dB at W band, and 6.5 dB at D band have been measured.

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