

# Abstracts

## A D-Band Millimeter-Wave Crossbar Mixer

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*L.Q. Bui, N. Ton and D. Ball. "A D-Band Millimeter-Wave Crossbar Mixer." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 555-556.*

Broadband crossbar mixers in the frequency range from 110-170 GHz using Schottky beam lead diodes were designed and fabricated using 5-mil Duroid substrate. Conversion loss is as low as 7 dB for IF as high as 18 GHz.

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