

# Abstracts

## A Millimeter Wave Monolithic Load Switching Twist Reflector for Compact Imaging Cameras

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*G.R. Huguenin, S. Bandla and E.L. Moore. "A Millimeter Wave Monolithic Load Switching Twist Reflector for Compact Imaging Cameras." 1996 MTT-S International Microwave Symposium Digest 96.1 (1996 Vol. 1 [MWSYM]): 373-376.*

A monolithic load comparison twist reflector (LSTR) has been built and tested for use in 94 GHz passive imaging cameras. Radiometric and quasioptical tests show that the array has an insertion loss of 0.25 dB. This active array of PIN diodes replaces the mechanical choppers often used in load comparison.

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