

Abstracts

Diode Detector Characteristics for a 94 GHz Six-Port Application (1982 [MWSYM])

R.A. Fong-Tom and H.M. Cronson. "Diode Detector Characteristics for a 94 GHz Six-Port Application (1982 [MWSYM])." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 319-321.

The suitability of commercially available diodes as power detectors in a 94 GHz six-port is examined. Square law response, noise, variation of reflection coefficient with power, and temperature effects are studied. The results show that silicon Schottky diodes are the best available.

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