

Abstracts

A High Power Broadband Millimeter-Wave Switch and Receiver Protector

H. Goldie. "A High Power Broadband Millimeter-Wave Switch and Receiver Protector." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 354-356.

This paper describes the development of a radar receiver protector (RP) that can serve simultaneously as a millimeter-wave RP and a high-current video switch. Presently there is no device that can provide low loss protection at 95 GHz with 50 dB or more of broadband isolation -- a requirement imposed by the spurious moding of millimeter-wave, multi-kilowatt radar transmitters.

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