

Abstracts

A 100-Kilowatt X-Band Ferrite-Diode Limiter

W.W. Siekanowicz, R.W. Paglione and R. Steinhoff. "A 100-Kilowatt X-Band Ferrite-Diode Limiter." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 110-111.

In the last few years, significant progress has been made in the development of improved transmitting-receiving (TR) devices that provide increased reliability in comparison with gas-discharge TR tubes. For example, an all-ferrite TR device consisting of a high-power limiter and three fast-switching circulators is finding increasing application in modern airborne weather radars. This paper describes still another advance in the area of TR devices: a newly-developed, all-solid-state, passive limiter.

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