

# Abstracts

## Design of a Wideband Tunnel Diode Preamplifier for Phased Array Radars

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*D.W. MacGlashan. "Design of a Wideband Tunnel Diode Preamplifier for Phased Array Radars." 1962 PGMTT National Symposium Program and Digest 62.1 (1962 [MWSYM]): 166-170.*

The developement of the phased array radar has generated the requirement for a simple, inexpensive, low noise preamplifier which will have at least a 12 percent 1 db bandwidth, less than a 4 db noise figure and which will phase and amplitude track over the pass-band.

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