

# Abstracts

## GaAs IC Direct-Coupled Amplifiers

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*D. Hornbuckle. "GaAs IC Direct-Coupled Amplifiers." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 387-389.*

Performance of six different direct-coupled GaAs IC amplifiers, with bandwidths up to 4.5 GHz, is described, along with that of one similar ac-coupled amplifier. Statistical data on gain, bandwidth, distortion, and noise is presented. The effectiveness of inductor peaking, resistive loads, and variable feedback is discussed.

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