

Abstracts

A Balanced Distributed Preamplifier Using MMIC GaAs MESFET Technology

T.L. Nguyen and A.P. Freundorfer. "A Balanced Distributed Preamplifier Using MMIC GaAs MESFET Technology." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1449-1452.

A MMIC balanced preamplifier was fabricated using a 0.8 μm gate length process. A 45 dB Omega transimpedance gain, a 6 GHz bandwidth, a 10pA/spl radic/ Hz input noise and a 12 dB CMRR were measured.

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