Abstracts

MMIC GaAs transimpedance amplifiers for optoelectronic applications (1997 Vol. I [MWSYM])

P. Dueme, M. Schaller, D. Mathoorasing, S. Bouchoule, C. Kazmierski, S. Maricot and C. Rumelhard. "MMIC GaAs transimpedance amplifiers for optoelectronic applications (1997 Vol. I [MWSYM])." 1997 MTT-S International Microwave Symposium Digest 1. (1997 Vol. I [MWSYM]): 13-16.

This paper demonstrates the feasibility of MMICs able to improve the global performances of an optical link, over a typical 1 to 20 GHz frequency range. A distributed laser driver and a photodiode bootstrap follower provide active matching between 50 /spl Omega/ and optoelectronic transducers.

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