

Abstracts

Flat Microwave Responses of Directly Modulated Laser Diodes

M.C.R. Carvalho and A.A. de Salles. "Flat Microwave Responses of Directly Modulated Laser Diodes." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 523-526.

Theoretical and experimental results of the frequency response of GaAlAs stripe-geometry laser diodes directly modulated in the microwave range are presented in this paper. Two methods of improving the frequency response flatness are described, the first using a passive microstrip circuit and the second using a FET driving amplifier. Experimental results for both techniques are presented and discussed.

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