

Abstracts

A High Frequency GaAlAs Traveling Wave Electro-Optic Modulator at 0.82 μ m

C.M. Chorey, A. Ferendici and K. Bhasin. "A High Frequency GaAlAs Traveling Wave Electro-Optic Modulator at 0.82 μ m." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 735-738.

Experimental GaAlAs modulators operating at 0.82 μ m using a Mach-Zehnder interferometer configuration were designed and fabricated. Coplanar 50 Ohm traveling wave microwave electrodes were used to obtain a bandwidth-length product of 11.95 GHz-cm. The design, fabrication and DC performance of the GaAlAs traveling wave modulator is presented.

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