

Abstracts

A Slow-Wave Resonant Electrode Design for Optical Modulators

M. Yu and A. Gopinath. "A Slow-Wave Resonant Electrode Design for Optical Modulators." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 237-240.

A slow-wave resonant electrode structure is proposed for the phase velocity matching between the RF wave and optical signal in III-V optical modulators. The resonant structure should result in reduced RF drive requirements for the modulator.

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