

Abstracts

Resonant Enhancement of a LiNbO₃/Traveling-Wave Modulator for Low-Loss Analog Fiber-Optic Links

G.K. Gopalakrishnan and W.K. Burns. "Resonant Enhancement of a LiNbO₃/Traveling-Wave Modulator for Low-Loss Analog Fiber-Optic Links." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. 1 [MWSYM]): 159-162.

A technique to resonantly enhance and tune the low-frequency response of a LiNbO₃/traveling wave modulator is presented. High-frequency performance of velocity matched LiNbO₃ modulators with low half-wave voltages is shown to be relatively independent of termination.

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