

Abstracts

Application of Microstrip Analysis to the Design of a Broad-Band Electrooptical Modulator (Short Papers)

E. Yamashita, K. Atsuki and T. Akamatsu. "Application of Microstrip Analysis to the Design of a Broad-Band Electrooptical Modulator (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.4 (Apr. 1974 [T-MTT]): 462-464.

This short paper describes a proposed structure of a broad-band electrooptical modulator and an application of existing microstrip analysis programs to determine dimensions of the structure for a broad-band property. Results of numerical computations indicate that it is possible to obtain a broad-band modulator by using LiNbO₃ or LiTaO₃.

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