

Abstracts

A Proposed Microwave Structure and Design Method for the Traveling-Wave Modulation of Light (Correspondence)

E. Yamashita and K. Atsuki. "A Proposed Microwave Structure and Design Method for the Traveling-Wave Modulation of Light (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.2 (Feb. 1969 [T-MTT]): 118-119.

A shielded three-medium strip line is proposed for the traveling-wave microwave modulation of light. The microwave velocity of this structure is evaluated based on a variational formula. Numerical values are presented for the case of a line comprising layers of carbon disulfide, glass, and air.

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