

Abstracts

TE Wave Properties of Slab Dielectric Guide Bounded by Nonlinear Non-Kerr-Like Media (May 1996 [T-MTT])

J.-G. Ma and I. Wolff. "TE Wave Properties of Slab Dielectric Guide Bounded by Nonlinear Non-Kerr-Like Media (May 1996 [T-MTT])." 1996 Transactions on Microwave Theory and Techniques 44.5 (May 1996 [T-MTT]): 730-738.

TE wave properties of slab dielectric waveguides with nonlinear non-Kerr-like substrate and cladding are presented. The guide can support even- and odd-symmetric modes in asymmetrical substrate and asymmetrical modes in completely symmetrical substrate. Dispersion relations and electric field profiles are illustrated and analytically discussed in detail.

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