

# Abstracts

## A Multilayer Fiber Guide with Rectangular Core

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V.V. Cherny, G.A. Juravlev and J.R. Whinnery. "A Multilayer Fiber Guide with Rectangular Core." 1980 *Transactions on Microwave Theory and Techniques* 28.4 (Apr. 1980 [T-MTT]): 401-404.

An approximate analysis is given for multilayer dielectric waveguides with rectangular core. Dispersion curves are calculated for several modes over a range of parameters. Some comments related to the design of such guides for use with planar structures such as semiconductor lasers are given.

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