Abstracts

Guided Waves Along Graded Index Dielectric Rod (Letters)

By a modification of the Kurtz and Streifer procedure, the coupled second-order differential equations for the field components of guided modes along a graded index dielectric rod surrounded by a homogeneous medium were solved directly. Using the results, the eigenvalue equations which are consistent with those of the simple core-cladding-type dielectric fiber in the region near the cutoffs were obtained.

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