

Abstracts

Dispersion Studies of a Single-Mode Triangular-Core Fiber with a Trench by the Vector Mode Analysis

G.L. Yip and J.W. Jiang. "Dispersion Studies of a Single-Mode Triangular-Core Fiber with a Trench by the Vector Mode Analysis." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1175-1178.

A Runge-Kutta procedure is used for investigating the dispersion characteristics of triangular-core fibers with a trench in the cladding. Numerical results on the total dispersion are presented, revealing some special features due to the trench. The presence of a trench has not been investigated previously.

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