

# Abstracts

## Developments in Single-Mode Fiber Design, Materials, and Performance at Bell Laboratories

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*P.D. Lazay and A.D. Pearson. "Developments in Single-Mode Fiber Design, Materials, and Performance at Bell Laboratories." 1982 Transactions on Microwave Theory and Techniques 30.4 (Apr. 1982 [T-MTT] (Joint Special Issue on Optical Guided Wave Technology)): 350-356.*

Some aspects of single-mode fiber research and development at Bell Laboratories are presented. The most recent evolution in single-mode fiber design and fabrication technology has resulted in a fiber in which mode size and zero dispersion wavelength can be independently chosen at a fixed cutoff wavelength.

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