

# Abstracts

## Optical Componentry Utilized in Field Trial of Single-Mode Fiber Long-Haul Transmission

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*J.-I. Minowa, M. Saruwatari and N. Suzuki. "Optical Componentry Utilized in Field Trial of Single-Mode Fiber Long-Haul Transmission." 1982 Transactions on Microwave Theory and Techniques 30.4 (Apr. 1982 [T-MTT] (Joint Special Issue on Optical Guided Wave Technology)): 551-563.*

Realization of large-capacity long-haul transmission systems is now quite promising due to rapid development in the field of optical fibers. The paper describes single-mode fiber optical components for use in the above-mentioned system. In particular, LD modules, optical connectors are most important for construction of a practical system. Thus, they are explained in detail along with their development procedures. Important field trial results of these components are also presented.

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