

Abstracts

Recent Development on Fiber Optic Devices

K. Shirahata, W. Susaki and H. Namizaki. "Recent Development on Fiber Optic Devices." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 194-197.

The advent of the fundamental transverse mode laser diodes and low loss optical fibers has extended the wavelength range for communication systems into the optical spectrum region. The indispensable elements for the optical communication systems are oscillator, transmission medium, and detector. Recent development in this area, with particular emphasis on the fundamental transverse mode laser diode and low loss quartz optical fiber, is reviewed.

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