

Abstracts

Quantitative Mode Analysis in Optical Fibers

H. Shigesawa and K. Takiyama. "Quantitative Mode Analysis in Optical Fibers." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 116-118.

An accurate method of determining the modal power distribution along optical fibers is described. Experimental results with the observation of launching conditions on an optical fiber demonstrate the accuracy of this method. Various factors having an important influence upon the accuracy are discussed, and also appropriate methods of minimizing the systematic errors are presented.

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