

Abstracts

Single-Mode Fiber Ultrasonic Sensor

R.P. De Paula, L. Flax, J.H. Cole and J.A. Bucaro. "Single-Mode Fiber Ultrasonic Sensor." 1982 Transactions on Microwave Theory and Techniques 30.4 (Apr. 1982 [T-MTT] (Joint Special Issue on Optical Guided Wave Technology)): 526-529.

An acoustooptic ultrasonic sensor using a single-mode fiber is discussed. The sensor is based on acoustically induced modal birefringence which alters the polarization state of the optical beam.

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