

Abstracts

Fiberoptic Microprobes for Measurement of Electromagnetic Fields

A. Deficis. "Fiberoptic Microprobes for Measurement of Electromagnetic Fields." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 300-302.

This paper describes the technology and performances of microprobe constructed of optical fibers and cholesterical liquid crystals loaded with graphite. These probes can be used to directly measure the E.M. fields. Their characteristics allow to use them in fundamental research as well as in the optimization of microwave systems and in medical and industrial calibration.

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