

Abstracts

The Dynamical Behavior of a Single-Mode Optical Fiber Strain Gage (Comments)

P.A.A. Laura and J.L. Pombo. "The Dynamical Behavior of a Single-Mode Optical Fiber Strain Gage (Comments)." 1983 Transactions on Microwave Theory and Techniques 31.4 (Apr. 1983 [T-MTT]): 364-366.

In the above paper, Martinelli presents a very interesting and useful comparison between the dynamical response of a single-mode fiber optic and resistive strain gages in the frequency range 25 -250 Hz. As shown by the author, the frequency spectrum of the phase change signal and the resistive strain gage signal are in very good agreement.

[Return to main document.](#)