

# Abstracts

## Pulsed Operation of an Optoelectronic Finline Switch

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*K. Uhde and J. Muller. "Pulsed Operation of an Optoelectronic Finline Switch." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 1075-1078.*

Three finline structures on different semiconductor substrates are presented. By illuminating the slot region on with a pulsed laser diode, the propagation properties of a mm-wave passing through the excited region are changed. The insertion loss without illumination and the attenuation caused by it are measured and experimental results are given.

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