

# Abstracts

## State of the Art in Microwave Acoustic Delay Devices

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*W.A. Crofut. "State of the Art in Microwave Acoustic Delay Devices." 1968 G-MTT International Microwave Symposium Digest and Technical Program 68.1 (1968 [MWSYM]): 292-300.*

This paper will discuss the state of the art of several types of microwave acoustic delay devices and although it will concentrate mostly in the L and S band frequencies much of the content is appropriate to frequencies as high as X band. The devices to be considered are non-dispersive delay lines, acousto-optical modulators, and dispersive delay devices. In general these devices use either magnetoelastic and magnetostatic propagation in ferromagnetic crystals such as yttrium iron garnet or pure acoustic propagation in a large variety of single crystal materials.

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