

# Abstracts

## P-I-N Variable Attenuator with Low Phase Shift (Short Papers)

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*W.J. Parris. "P-I-N Variable Attenuator with Low Phase Shift (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.9 (Sep. 1972 [T-MTT]): 618-620.*

A broad-band MIC current-controlled variable attenuator that exhibits small phase change versus attenuation has been developed. Design factors that effect phase shift are discussed. Performance at frequencies between 0.5 and 3.0 GHz is shown. Measured values of attenuation are shown to be independent of frequency from 0.5 to 3.0 GHz.

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