

# Abstracts

## A Distributed PIN Diode Phaser for Millimeter Wavelengths

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*B.J. Levin and G.G. Weidner. "A Distributed PIN Diode Phaser for Millimeter Wavelengths." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 63-65.*

A technique particularly applicable at millimeter wavelengths is described for electronically varying the phase shift per unit length in rectangular waveguide using a distributed PIN diode. Design, construction, and experimental evaluation at 140 GHz are described.

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