

Abstracts

A Distributed PIN Diode Phaser for Millimeter Wavelengths

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.

[Return to main document.](#)