

Abstracts

Diode Phase Shifters for Array Antennas

*J.F. White. "Diode Phase Shifters for Array Antennas." 1974 *Transactions on Microwave Theory and Techniques* 22.6 (Jun. 1974 [T-MTT] (Special Issue on Microwave Control Devices for Array Antenna Systems)): 658-674.*

This paper contains considerations for diode phase shifters used for phased array antenna control. The categories are: 1) areas in which ferrite and diode phase shifters differ, 2) diode phase-shifter circuits, 3) the nature and typical performance of p-i-n diodes, 4) the requirements of a driver and a typical circuit, and 5) measured performance of phase shifters in L, S, C, and X bands.

[Return to main document.](#)