

Abstracts

A High Power U. H. F. Diode Phase-Shifter

B.W. Leake. "A High Power U. H. F. Diode Phase-Shifter." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 355-357.

The electronically-scanned antenna, for which this phase-shifter was designed, requires the ability to switch the sense of circular polarization radiated or received by each antenna element. This necessary feature, together with the ability to control each antenna element phase in steps of 45-degrees, is provided by one microwave assembly, shown in Figure 1.

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