

Abstracts

A Compact S-Band Diode Phase Shifter

R.W. Burns and R.L. Holden. "A Compact S-Band Diode Phase Shifter." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 298-300.

The design and performance of a five-bit S-Band diode phase shifter is described. This thick-film microstrip device uses series coupled diodes for the small bits and constant phase-frequency switched line bits for the three large bits.

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