

Abstracts

A High Power UHF Microstrip Diode Phase Shifter

R.L. Holden and R.W. Burns. "A High Power UHF Microstrip Diode Phase Shifter." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 47-48.

A four-bit high power UHF diode phase shifter is described. This device, using eight PIN diodes mounted in a low dielectric constant microstrip circuit, has operated at an 8 KW peak, 240 watt average power level with an average insertion loss of 0.75 dB.

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