

Abstracts

Miniature Multi-Kilowatt PIN Diode MIC Digital Phase Shifters

P. Onno and A. Plitkins. "Miniature Multi-Kilowatt PIN Diode MIC Digital Phase Shifters." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 22-23.

A miniature high power, beryllia substrate, lumped element, PIN diode phase shifter has been developed. Design expressions are presented for two UHF models, which operate at kilowatt powers and exhibit 7% bandwidths with low insertion loss.

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