

Abstracts

Medium Power S-Band Rotary Field Ferrite Phase Shifters

C.M. Oness, W.E. Hord and C.R. Boyd, Jr.. "Medium Power S-Band Rotary Field Ferrite Phase Shifters." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 539-542.

Reciprocal rotary field phase shifters have been developed at S-band frequencies with peak power capacity of 40 KW, average power of 600 W and switching times of 100 microseconds. Data is presented on a production lot of these devices showing the statistical properties of the peak and rms phase error and the peak and average insertion loss.

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