

Abstracts

An Accurate Analog Ferrite Phase Shifter

C.R. Boyd, Jr.. "An Accurate Analog Ferrite Phase Shifter." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 104-105.

An analog ferrite phase shifter has been developed for applications requiring an accurate relationship between phase shift and control current. A prototype unit is described that operates over a 1.3 GHz. range at X-band with VSWR under 1.2:1, loss under 1 dB., hysteresis at ± 1 degree, and negligible frequency dispersion of phase shift.

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