

Abstracts

K_a-Band Ferrite Phase Shifter (Correspondence)

R.S. McCarter and E.F. Landry. "K_a-Band Ferrite Phase Shifter (Correspondence)." 1961 Transactions on Microwave Theory and Techniques 9.3 (May 1961 [T-MTT]): 271-271.

In 1957, Reggia and Spencer utilized a new technique to develop a phase shifter at 9.1 kMc. This letter reports an extension of their technique to K_a-band frequencies. A maximum figure of merit of 1100 degrees of phase shift per db of loss has been achieved at 35 kMc \pm 500 Mc.

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