

Abstracts

A High-Power Coaxial Ferrite Phase Shifter (Correspondence)

A.S. Boxer, S. Hershenov and E.F. Landry. "A High-Power Coaxial Ferrite Phase Shifter (Correspondence)." 1961 *Transactions on Microwave Theory and Techniques* 9.6 (Nov. 1961 [T-MTT]): 577-577.

An L-band, reciprocal, coaxial, ferrite phase shifter with a low insertion loss, excellent high-power stability at peak power levels up to at least 300 kw, and a figure-of-merit in excess of 1000 has been developed. These characteristics were achieved by using longitudinal biasing fields considerably greater than the field required for resonance.

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