

# Abstracts

## Measurement of Ferrite Isolation at 1300 MC

---

*G.S. Heller and G.W. Catuna. "Measurement of Ferrite Isolation at 1300 MC." 1958 Transactions on Microwave Theory and Techniques 6.1 (Jan. 1958 [T-MTT]): 97-100.*

Optimum geometry for ferrite isolators at low microwave frequencies in rectangular waveguide is discussed and measurements are presented which show the feasibility of constructing a practical isolator at 1300 mc using commercially available ferrites. Further data for a narrower line-width ferrite are presented. The high-reverse to forward-loss ratios obtained are in accord with predictions from perturbation theory.

 [Return to main document.](#)