

# Abstracts

## Coaxial Isolator Utilizing Yttrium-Iron Garnet (Correspondence)

---

*L. Freiberg. "Coaxial Isolator Utilizing Yttrium-Iron Garnet (Correspondence)." 1958 Transactions on Microwave Theory and Techniques 6.4 (Oct. 1958 [T-MTT]): 454-454.*

The inherently narrow ferromagnetic resonance line width attainable with yttrium-iron garnet (YIG) material permits building isolators with greatly improved characteristics at the lower microwave frequencies. An isolator utilizing YIG designed for operation in the UHF range has been reported. This letter describes a coaxial isolator designed to operate at  $2250 \pm 50$  mc employing yttrium-iron garnet.

 [Return to main document.](#)