

Abstracts

Theoretical and Practical Characteristics of a Broad Tuning Range Y.I.G. Sphere Circulator

S.R. Longley and D.H. Paul. "Theoretical and Practical Characteristics of a Broad Tuning Range Y.I.G. Sphere Circulator." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 82-84.

This paper presents a theoretical and practical evaluation of the tunable y.i.g. sphere junction circulator. The analysis has been extended to cover the circuit dual. Circuit applications are discussed and the basic design is extended to include lumped element circulators of planar form.

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