

Abstracts

The Fabrication of Dielectric Image Lines Using Casting Resins and the Properties of the Lines in the Millimeter-Wave Range (Short Papers)

K. Solbach. "The Fabrication of Dielectric Image Lines Using Casting Resins and the Properties of the Lines in the Millimeter-Wave Range (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.11 (Nov. 1976 [T-MTT] (Special Issue on Millimeter Waves: Circuits, Components, and Systems)): 879-881.

Experiments with dielectric image lines fabricated of casting resins are described, and the properties of the electromagnetic fields and the phase coefficients of the waves in the millimeter-wave range (26-40 GHz) are discussed. As an example, a ring resonator and the measurement of its insertion loss is presented.

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