

Abstracts

A Generalized Description of the Spherical Three-Layer Resonator with an Anisotropic Dielectric Material

I. Wolff. "A Generalized Description of the Spherical Three-Layer Resonator with an Anisotropic Dielectric Material." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 307-310.

The eigenvalue equation of a three layer spherical resonator with arbitrary material parameters and an anisotropic dielectric inner sphere is described. The axial-symmetric modes of the resonator, the field distributions, the Q-factors and applications are discussed.

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