

Abstracts

The Electric-Dipole Resonances of Ring Resonators of Very High Permittivity (Short Papers)

M. Verplanken and J. Van Bladel. "The Electric-Dipole Resonances of Ring Resonators of Very High Permittivity (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.2 (Feb. 1976 [T-MTT]): 108-112.

The lowest confined mode in a coaxial ring resonator is investigated. Data are given about the Q of the mode, the eigenelectric dipole at resonance, and the structure of the electric field surrounding the resonator. The data are valid for high, but finite values of ϵ_r .

[!\[\]\(c3d993ca47bfe2a953c700506ce31fa0_img.jpg\) Return to main document.](#)