

## Theoretical Expressions of Lumped Parameters in a Spheroidal Cavity (Correspondence)

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*E. Rivier. "Theoretical Expressions of Lumped Parameters in a Spheroidal Cavity (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.9 (Sep. 1969 [T-MTT]): 720-720.*

The so-called "spheroidal" cavity appears promising for coupling with solid-state elements of known equivalent circuit, such as GUM or Read diodes, because it is possible to find an equivalent circuit with lumped parameters for such a cavity. That circuit includes three parameters  $L_0$ ,  $C_0$ ,  $C_e$ , with simple expressions.

 [Return to main document.](#)