

Abstracts

Lumped Parameters of a Reentering Cylindrical Cavity

E. Rivier and M. Verge-Lapisardi. "Lumped Parameters of a Reentering Cylindrical Cavity." 1971 Transactions on Microwave Theory and Techniques 19.3 (Mar. 1971 [T-MTT]): 309-314.

The cylindrical reentering cavity is studied. It is shown how lumped equivalent parameters can be known that are one inductance and two capacitances. These elements can be measured experimentally. Thus the problem of coupling with an active solid-state element, defined itself by lumped equivalent parameters (inductances and capacitances), is accurately solved.

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