

Abstracts

Full-wave analysis of coaxial mounting structure

M. V. Davidovich. "Full-wave analysis of coaxial mounting structure." 1999 Transactions on Microwave Theory and Techniques 47.3 (Mar. 1999 [T-MTT]): 265-270.

An efficient full-wave spectral-domain analysis based on the integral equation method is developed for a coaxial mounting structure of a general form. Using this method, the algorithm for complex input gap impedance of such structures has been derived and the calculated data are presented. The method may be useful for designing active and passive devices mounted in a coaxial line.

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