

Abstracts

Numerical Analysis of Various Configurations of Slab Lines (Short Papers)

G.B. Stracca, G. Macchiarella and M. Politi. "Numerical Analysis of Various Configurations of Slab Lines (Short Papers)." 1986 Transactions on Microwave Theory and Techniques 34.3 (Mar. 1986 [T-MTT]): 359-363.

Numerical solutions are presented for the characteristic impedance of various line structures derived from the slab line, which allow the calculation also of the even and odd impedance of coupled slab lines. Some approximated formulas are also derived, which match the numerical results with good precision for a large range of geometrical dimensions of the structures. The results presented here are compared with some formulas and numerical results available from previous technical papers.

[Return to main document.](#)