

Abstracts

Analysis of Asymmetric Stripline by Conformal Mapping

J.S. Rao and B.N. Das. "Analysis of Asymmetric Stripline by Conformal Mapping." 1979 Transactions on Microwave Theory and Techniques 27.4 (Apr. 1979 [T-MTT]): 299-303.

This paper presents analysis of asymmetric stripline using a conformal mapping technique. The expression obtained for the characteristic impedance shows its functional dependence on the dimensions of the stripline. Equations for equipotential and flux lines and an expression for field distribution in the stripline are derived. Plots of impedance variation with strip width and strip displacement are presented.

 [Return to main document.](#)