

Abstracts

Note on the Impedance of a Wire Grid Parallel to a Homogeneous Interface (Short Papers)

J.L. Young and J.R. Wait. "Note on the Impedance of a Wire Grid Parallel to a Homogeneous Interface (Short Papers)." 1989 Transactions on Microwave Theory and Techniques 37.7 (Jul. 1989 [T-MTT]): 1136-1138.

We provide new numerical data for the correction factor which is used to calculate the impedance of a planar wire grid parallel to the interface between two dielectric half-spaces. Comparisons are made with earlier investigations which clarify, extend, and supersede previous computations. Here we show more clearly the significant influence of the interface on the equivalent grid impedance.

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