

Abstracts

End Effect in Open-Circuited Two-Wire Transmission Lines (Short Papers)

H.E. Green and J.D. Cashman. "End Effect in Open-Circuited Two-Wire Transmission Lines (Short Papers)." 1986 Transactions on Microwave Theory and Techniques 34.1 (Jan. 1986 [T-MTT]): 180-182.

This paper gives the parameters of an equivalent circuit representing the end effect in an open-circuited two-wire transmission line. The complete equivalent circuit requires termination of the line in a parallel combination of capacitance and conductance, but it is shown that in all practical cases, capacitive effects dominate.

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