

Abstracts

A Comparison of Two Recently Proposed Formulas for End Capacitance in Open Circuited, Two Wire Transmission Line (Reply to Comments)

W.J. Getsinger. "A Comparison of Two Recently Proposed Formulas for End Capacitance in Open Circuited, Two Wire Transmission Line (Reply to Comments)." 1994 Transactions on Microwave Theory and Techniques 42.5 (May 1994 [T-MTT]): 922-922.

The authors of the above letter seem to have observed that the end capacitance formulas, their equations (1) and (2), apply to quite different physical structures, and would not be expected to yield the same values. Nevertheless, the letter serves a valuable purpose in introducing for discussion a little appreciated distinction (for end capacitance considerations) between two-conductor lines, and in leading to a new and useful result: an expression for the end capacitance of a two conductor line made of thick-walled hollow tubing.

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