

Abstracts

Calculating Coaxial Transmission-Line Step Capacitance (Correspondence)

P.I. Somlo. "Calculating Coaxial Transmission-Line Step Capacitance (Correspondence)." 1963 Transactions on Microwave Theory and Techniques 11.5 (Sep. 1963 [T-MTT]): 454-454.

As a frequent user of the curves given by J. R. Whinnery, H. W. Jamieson and T. E. Robbins, I found it useful to arrive at a simple polynomial in powers of alpha and tau, which makes it possible to incorporate the step-capacitance calculation in a subroutine in a computer program dealing with transmission line calculations in coaxial lines.

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