

Abstracts

A Variable Characteristic Impedance Coaxial Line (Correspondence)

J.E. Cruz and R.L. Brooke. "A Variable Characteristic Impedance Coaxial Line (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.4 (Jul. 1965 [T-MTT]): 477-478.

The development of Time Domain Reflectometry (TDR) for UHF and microwave impedance measurements in coaxial systems has created a problem of calibrating the TDR system for accurate measurements of small reflections. A need for coaxial impedance standards has been resolved by the development of a variable impedance device which can be calibrated by the use of fixed coaxial standards.

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