

# Abstracts

## Transmission Line Capacitance Measurement

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*D.F. Williams and R.B. Marks. "Transmission Line Capacitance Measurement." 1991 *Microwave and Guided Wave Letters* 1.9 (Sep. 1991 [MGWL]): 243-245.*

The capacitance of coplanar lines is measured with two new techniques, one utilizing the resistance of the line and the other that of a resistor embedded in the line. The results of both measurements agree closely with calculations. A technique for directly comparing the capacitance of two similar transmission lines is also demonstrated. The relevance of these measurements to the determination of characteristic impedance is discussed.

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