

Abstracts

Two-Port Network Analyzer Calibration Using an Unknown "Thru"

A. Ferrero and U. Pisani. "Two-Port Network Analyzer Calibration Using an Unknown "Thru". " 1992 Microwave and Guided Wave Letters 2. 12 (Dec. 1992 [MGWL]): 505-507.

A procedure performed by using a generic two port reciprocal network instead of a standard thru in a full two-port error correction of an automatic network analyzer is presented. Although it can be applied to any type of waveguide system the proposed technique is particularly useful with noninsertable coaxial or on-wafer devices. Experimental comparisons show that the suggested procedure provides a great degree of accuracy.

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