

Abstracts

A Calibration Method for a Six-Port Reflectometer Which the Effect of Power Measurement Errors Minimizes

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A calibration method for a six-port reflectometer which minimizes the effect of power measurement errors is presented. It is based on the minimization of an error expressions to obtain estimates of the six-port calibration constants. A load and four offset shorts are used as reflection standards. Computer simulation results are presented to show that the described procedure substantially reduces the overall error in the calibration constants.

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