

Abstracts

A Six-Port Reflectometer and its Complete Characterization by Convenient Calibration Procedures

*P.I. Somlo and J.D. Hunter. "A Six-Port Reflectometer and its Complete Characterization by Convenient Calibration Procedures." 1982 *Transactions on Microwave Theory and Techniques* 30.2 (Feb. 1982 [T-MTT]): 186-192.*

A simple six-port reflectometer and two methods of calibration using either 5½ or 6½ standard terminations are described. High precision is obtained using diode detectors, which are calibrated *in situ* against a single thermistor power meter. The addition of a few extra components provides a moderately accurate visual display in real time over the 1-8-GHz band.

[Return to main document.](#)