

Abstracts

Integrated Fin-Line 6-Ports for MM-Wave Network Analyzers

M. Malkomes and R. Walsdorf. "Integrated Fin-Line 6-Ports for MM-Wave Network Analyzers." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 669-672.

The design and performance of an integrated 6-port mm-wave reflectometer is presented. The design uses Fin-Line technology and beam lead diode detectors in a Ka- full-band application. The high precision measurement capability of the 6-port device has been tested successfully in an automated 6-port network analyzer setup.

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