

Abstracts

Waveguide Connector Measurements with a Millimeter-Wave Reflectometer (Correspondence)

O.L. Patty, W.E. Little and M.H. Zanboorie. "Waveguide Connector Measurements with a Millimeter-Wave Reflectometer (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 19.2 (Feb. 1968 [T-MTT]): 121-123.

A system is described which extends reflection coefficient measurement techniques to E-band (60 to 90 GHz). Special apparatus and procedures are discussed. A new graphical presentation of reflectometer data is given which simplifies the measurement of connector impedance. Examples of the measured reflection coefficient magnitudes of some common E-band connectors are given.

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