

Abstracts

The Match Checker--A Simple Instrument for Matching Impedances in Waveguide and Coaxial Systems (Short Papers)

D.L. Hollway and P.I. Somlo. "The Match Checker--A Simple Instrument for Matching Impedances in Waveguide and Coaxial Systems (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.5 (May 1974 [T-MTT]): 560-561.

The match checker is a self-contained passive device, which, when inserted between ports of a waveguide or coaxial-line system, provides an indication of the mismatch at each port. It does not require tuning, and internal reflections from components of the match checker do not limit the accuracy of the match which may be obtained. It is therefore suitable for use in matching ports with the high precision needed for calibration systems.

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