

Abstracts

A V-Band Wafer Probe Using Ridge-Trough Waveguide (1991 Vol. III [MWSYM])

E.M. Godshalk. "A V-Band Wafer Probe Using Ridge-Trough Waveguide (1991 Vol. III [MWSYM])." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1129-1132.

A V-band (50-75 GHz) wafer probe is presented. The probe features a new type of waveguide developed to allow transition from rectangular waveguide to coplanar waveguide. This new waveguide consists of a ridge extending from the upper waveguide wall into a trough in the lower waveguide wall, and is known as ridge-trough waveguide.

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