

Abstracts

Waveguide-to-Microstrip Transitions for Millimeter-Wave Applications

Y.-C. Shih, T.-N. Ton and L.Q. Bui. "Waveguide-to-Microstrip Transitions for Millimeter-Wave Applications." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 473-475.

Design data are presented for waveguide-to-microstrip probe transitions that cover millimeter-wave frequencies from 26 to 110 GHz. Experimental results show that the transitions have full waveguide-band performance with low insertion loss. They are useful for the device and circuit characterization of millimeter-wave MICs and MMICs.

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