

# Abstracts

## A Compact MMIC-Compatible Microstrip to Waveguide Transition

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*L. Hyvonen and A. Hujanen. "A Compact MMIC-Compatible Microstrip to Waveguide Transition." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 875-878.*

A new type of microstrip to waveguide transition is presented, based on slot coupling and a dielectric quarter wave transformer. For a return loss of 20 dB, a relative bandwidth of 16 % was achieved. The structure is compact, MMIC-compatible and can be made hermetic.

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