

# Abstracts

## Advances in E-Plane Printed Millimeter-Wave Circuits

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*L.D. Cohen and P.J. Meier. "Advances in E-Plane Printed Millimeter-Wave Circuits." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 27-29.*

Recent work is reported on printed millimeter-wave circuits mounted in the E-plane of rectangular waveguide. The circuits include wideband four-port coupling elements and one-port GaAs and InP Gunn oscillators providing 20 to 60 mW in the range of 55 to 70 GHz, with mechanical tunability up to 8 GHz.

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