

# **Quasi-Optic Components in Oversized Corrugated Waveguide for Millimeter-Wave Transmission Systems\***

John L. Doane

General Atomics, P.O. Box 85608, San Diego, California 92186-5608

The  $HE_{11}$  mode's uniform polarization and low diffraction at discontinuities, such as miter bends, permit component designs based on plane wave behavior. Polarization rotators, low pass filters, beam splitters and similar components in corrugated waveguide are described.

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