

# Abstracts

## Wideband Subharmonically Pumped W-Band Mixer in Single-Ridge Fin-Line

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*P.J. Meier. "Wideband Subharmonically Pumped W-Band Mixer in Single-Ridge Fin-Line." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 201-203.*

A subharmonic mixer is described with an instantaneous bandwidth of 12 GHz centered near 95 GHz. The wide bandwidth is achieved by closely integrating a low-capacitance diode mount, printed-circuit matching elements, and simple yet effective filters which are uniquely suited to realization in single-ridge fin-line.

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