

# Abstracts

## Printed-Circuit Ka-Band Mixer with Compact Filter for Step-Tuned LO

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*P.J. Meier. "Printed-Circuit Ka-Band Mixer with Compact Filter for Step-Tuned LO." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 645-648.*

A miniaturized Ka-band mixer which accepts widely separated LO frequencies has been developed, allowing a wide RF band to be covered in two steps. This restricts the IF bandwidth and eliminates 2x2 spurious mixing products. The mixer includes a unique, compact, LO filter that helps minimize the IF SWR.

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