

# Abstracts

## Millimeter Wave MIC Bandpass Filters and Multiplexers

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*D. Rubin and D. Saul. "Millimeter Wave MIC Bandpass Filters and Multiplexers." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 208-210.*

Using low dielectric constant substrates (Duroid,  $\epsilon = 2.22$ ), various millimeter wave filters, diplexers, and triplexers have been fabricated. Originally constructed on open microstrip, circuits exhibited considerably lower losses when enclosed in channels and integrated with printed circuit to waveguide transitions.

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