

# Abstracts

## Low Loss Broadband EHF Circulator

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*W.S. Piotrowski and J.E. Raue. "Low Loss Broadband EHF Circulator." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 263-265.*

A new approach to waveguide circulator design is reported that has resulted in a totally rugged, temperature stable circulator with exceptional RF performance. With this design, insertion loss of less than 0.1 dB, isolation more than 20 dB and VSWR less than 1.2:1 has been achieved, each over 7 GHz of bandwidth from 27 to 34 GHz and 31 to 38 GHz.

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