

# Abstracts

## A 30-GHz Inverted-Microstrip Circulator (Correspondence)

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*R. Trambarulo. "A 30-GHz Inverted-Microstrip Circulator (Correspondence)." 1971 Transactions on Microwave Theory and Techniques 19.7 (Jul. 1971 [T-MTT] (Special Issue on Microwave Integrated Circuits)): 662-664.*

A 3-port inverted-microstrip circulator has been built which operates near 30 GHz with an isolation of greater than 20 dB over a 6-percent bandwidth. The circulator junction has an insertion loss of less than 0.4 dB over the band exclusive of losses in transitions used for testing the device.

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