

# Abstracts

## The Edge-Guided-Wave Circulator (Short Papers)

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*P. de Santis and F. Pucci. "The Edge-Guided-Wave Circulator (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.6 (Jun. 1975 [T-MTT]): 516-519.*

A complete study is presented on "edge-guided-wave" circulators (EGC). The fundamental physical principles which underlie EGC's operation are established and exploited to construct a broad-band circulator in the 8-12-GHz band. The performance data are compared to those of a "continuous tracking" circulator (CTC) and a traditional Y-junction circulator.

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