

# Abstracts

## Shielding Effects in Microstrip Discontinuities

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*L.P. Dunleavy and P.B. Katehi. "Shielding Effects in Microstrip Discontinuities." 1988 Transactions on Microwave Theory and Techniques 36.12 (Dec. 1988 [T-MTT] (1988 Symposium Issue)): 1767-1774.*

As an application of the theoretical method described in a companion paper, numerical and measured results are presented for open-end and series gap discontinuities and a coupled line filter. Comparisons are also made to commercially available CAD package predictions. The results verify the accuracy of the new theoretical method and demonstrate the effects of shielding on discontinuity behavior. The experimental techniques used, which involve the through-short-delay de-embedding approach, are also explained.

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