

# Abstracts

## A Broad-Band Coplanar Waveguide to Slotline Transition

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*T.Q. Ho and S.M. Hart. "A Broad-Band Coplanar Waveguide to Slotline Transition." 1992 Microwave and Guided Wave Letters 2.10 (Oct. 1992 [MGWL]): 415-416.*

A novel approach for designing a broad-band coplanar waveguide (CPW) to slotline transition is presented. A slotline hollow patch creates open circuit conditions on one arm of the CPW and resonates the transition so that maximum power transfer may occur. Excellent performance is observed over a 5:1 bandwidth.

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