

## Leakage Losses for the Dominant Mode of Conductor-Backed Coplanar Waveguide

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*W.E. McKinzie and N.G. Alexopoulos. "Leakage Losses for the Dominant Mode of Conductor-Backed Coplanar Waveguide." 1992 Microwave and Guided Wave Letters 2.2 (Feb. 1992 [MGWL]): 65-66.*

The attenuation constant for the dominant mode of covered, conductor-backed coplanar waveguide (CBCPW) is computed using the spectral domain technique. Attenuation is due to leakage in the form of the parallel-plate TEM mode in the substrate region. Curves are provided to assist in predicting leakage losses for monolithic microwave integrated circuits.

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