# Abstracts

## Full-Wave Analyses of Composite-Metal Multidielectric Lossy Microstrips

*W.-K. Wang and C.-K.C. Tzuang. "Full-Wave Analyses of Composite-Metal Multidielectric Lossy Microstrips." 1991 Microwave and Guided Wave Letters 1.5 (May 1991 [MGWL]): 97-99.*

The full-wave mode-matching method is extended to analyze composite-metal multidielectric microstrips commonly used in MMIC's. The theoretical data obtained by the present approach agree favorably with the available experimental data for GaAs-SiN-Ti-Au finite-width, composite-metal and multidielectric microstrips. The effect of the thickness of the finite-width titanium layer is reported and discussed.

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