

# Abstracts

## **Distortion of Transient Signals on Multilayer Coupled Symmetric Microstrip Transmission Lines**

*J.P. Gilb and C.A. Balanis. "Distortion of Transient Signals on Multilayer Coupled Symmetric Microstrip Transmission Lines." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1001-1004.*

Pulse distortion on symmetric coupled microstrips is investigated for multilayer structures using a simplified Spectral-Domain Approach (SDA). Results for pulse distortion on multi-layer coupled microstrips are shown. Control of the electrical properties of the substrate layers to reduce coupling and cross-talk between adjacent lines is discussed and results are presented.

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