

Abstracts

Full-Wave Analysis of Conductor Losses on MMIC Transmission Lines (1989 Vol. III [MWSYM])

W. Heinrich. "Full-Wave Analysis of Conductor Losses on MMIC Transmission Lines (1989 Vol. III [MWSYM])." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 911-914.

A mode-matching analysis of lossy planar transmission lines is presented. In contrast to the usual perturbation methods it includes metallic loss by a self-consistent description without any skin-effect approximation. The approach is validated by comparison to previous work. First results on microstrip and slot line are given.

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