

Abstracts

On the Modeling of Conductor and Substrate Losses in Multiconductor, Multidielectric Transmission Line Systems

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Most models used for the analysis of lossy multiconductor, multidielectric transmission line systems are noncausal and fail to predict accurately the signal distortion on practical printed circuits. This paper reviews the method of analysis and assumptions made in these models and presents more accurate models. Finally, to illustrate the theory, numerical examples are presented.

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