

## SPICE-compatible models for multiconductor transmission lines in Laplace-transform domain

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Two models for multiconductor transmission lines are presented that are compatible with SPICE. One model is based on a Thevenin equivalent circuit and the other model is based on mode decoupling. The models contain controlled generators in the Laplace-transform domain and are able to handle lossy lines with frequency-dependent parameters.

 [Return to main document.](#)