

Abstracts

Effect of Conductor Thickness on the Mode Capacitances of Shielded Strip Transmission Lines

J.L. Knighten and R.E. Post. "Effect of Conductor Thickness on the Mode Capacitances of Shielded Strip Transmission Lines." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 416-418.

The charge distribution on shielded stripline conductors of finite thickness is approximated by a numerical integration technique. A new model has been devised to describe very thin strips. The effects of thickness may be significant.

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