

# Abstracts

## Compact Equivalent Circuit Model for the Skin Effect

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S. Kim and D.P. Neikirk. "Compact Equivalent Circuit Model for the Skin Effect." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1815-1818.

Rules for determining a compact circuit model consisting of four resistors and three inductors to accurately predict the skin effect have been developed. The circuit is easily constructed from the geometry, producing a response that matches exact results over a frequency range from dc to very high frequencies.

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