

Abstracts

Characteristic impedance, power, and causality [waveguide circuit theory]

*D.F. Williams and B.K. Alpert. "Characteristic impedance, power, and causality [waveguide circuit theory]." 1999 *Microwave and Guided Wave Letters* 9.5 (May 1999 [MGWL]): 181-182.*

A new causal power-normalized waveguide equivalent-circuit theory determines uniquely both the magnitude and phase of the characteristic impedance of a waveguide.

[Return to main document.](#)