

# Abstracts

## Measuring Complex Permittivity and Permeability Using Time Domain Network Analysis

---

*J.A. Jargon and M.D. Janezic. "Measuring Complex Permittivity and Permeability Using Time Domain Network Analysis." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1407-1410.*

We use a time domain network analyzer along with a recent improvement to the transmission/reflection method to determine the complex permittivity and permeability of a sample in a coaxial line. Our data show that accurate measurements can be made without a conventional frequency domain network analyzer.

[Return to main document.](#)

Click on title for a complete paper.