

# Abstracts

## Computation of Dielectric Properties from Short-Circuited Waveguide Measurements on High- or Low-Loss Materials (Computer Program Descriptions)

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S.O. Nelson, C.W. Schlaphoff and L.E. Stetson. "Computation of Dielectric Properties from Short-Circuited Waveguide Measurements on High- or Low-Loss Materials (Computer Program Descriptions)." 1974 *Transactions on Microwave Theory and Techniques* 22.3 (Mar. 1974 [T-MTT] (Special Issue on Computer-Oriented Microwave Practices)): 342-343.

Computation of the relative complex permittivity components  $\epsilon_r'$  and  $\epsilon_r''$  loss tangent, and conductivity from measurements data on materials in coaxial, rectangular, or cylindrical waveguides.

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