

# Abstracts

## Groove- and H-Waveguide Design and Characteristics at Short Millimetric Wavelengths

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*D.J. Harris, K.-W. Lee and J.M. Reeves. "Groove- and H-Waveguide Design and Characteristics at Short Millimetric Wavelengths." 1978 Transactions on Microwave Theory and Techniques 26.12 (Dec. 1978 [T-MTT] (1978 Symposium Issue)): 998-1001.*

The design of the H guide and groove guide for use in the short millimetric range with relatively low-loss, low-dispersion, and single-mode operation is considered. Measurements at 40 and 100 GHz show encouraging characteristics. It is considered feasible to construct components to form complete systems in these guides.

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