

# Abstracts

## The Bandwidth of Image Guide (Short Papers)

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*R.J. Collier and R.D. Birch. "The Bandwidth of Image Guide (Short Papers)." 1980 Transactions on Microwave Theory and Techniques 28.8 (Aug. 1980 [T-MTT]): 932-935.*

The various parameters involved in the bandwidth of image guide are discussed, viz., the aspect ratio and dielectric constant. Three definitions of bandwidth are given involving dispersion, wave-guiding properties and variation of characteristic impedance with velocity. Theoretical values of these definitions are given and the paper concludes with a discussion about their relative importance.

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