

# Abstracts

## Modes and Cutoff Frequencies of Crossed Rectangular Waveguides

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Q.C. Tham. "Modes and Cutoff Frequencies of Crossed Rectangular Waveguides." 1977 *Transactions on Microwave Theory and Techniques* 25.7 (Jul. 1977 [T-MTT]): 585-588.

One complete solution is presented for determining the electromagnetic field of a generalized crossed rectangular waveguide. The method adopted is that of partial regions. Cutoff frequencies of symmetrical crossed waveguides are presented as an example. The results, even for low-order approximations, correspond well with the only experimental results available in the literature.

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