

# Abstracts

## Inhomogeneous Coupled-Line Filters with Large Mode-Velocity Ratios

---

J.L. Allen. "Inhomogeneous Coupled-Line Filters with Large Mode-Velocity Ratios." 1974 *Transactions on Microwave Theory and Techniques* 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1182-1186.

Experimental and theoretical results are presented demonstrating some novel properties of a new class of filters based on inhomogeneous coupled-line structures having large even-odd mode-velocity ratios, e.g., a single inhomogeneous coupled-line filter section with an equiripple, 3-peak stopband and passband response.

 [Return to main document.](#)