

# Abstracts

## Lossy Resonant Slot Coupling (Correspondence and Authors' Reply)

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*R.M. Bevensee, G.S. Kino and M.A. Allen. "Lossy Resonant Slot Coupling (Correspondence and Authors' Reply)." 1960 Transactions on Microwave Theory and Techniques 8.6 (Nov. 1960 [T-MTT]): 669-671.*

The paper by Allen and Kino suggests a novel method of combating troublesome cut-off oscillations in periodic slow-wave structures. The idea is to couple loss periodically into the system through slots which are resonant at the center of the (narrow) oscillation range. The high Q of the slots will effectively decouple the loss in the operating range of the pass band.

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