

Abstracts

Lossy Resonant Slot Coupling (Correspondence and Authors' Reply)

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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