

Abstracts

A Simple Relation Between Cavity Q and Maximum Rejection for Narrow-Band Microwave Band-Stop Filters (Correspondence)

P.D. Lubell. "A Simple Relation Between Cavity Q and Maximum Rejection for Narrow-Band Microwave Band-Stop Filters (Correspondence)." 1964 Transactions on Microwave Theory and Techniques 12.1 (Jan. 1964 [T-MTT]): 145-145.

In the course of designing band reject filters, one must often determine the unloaded cavity $Q(Q_{\text{sub } u})$ required to achieve a predetermined maximum rejection. This situation is analogous to that of determining the $Q_{\text{sub } u}$ required to give a specific midband loss (due to dissipation) in bandpass filters.

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