

Abstracts

Pass-Band VSWR of Maximally Flat Band-Pass Filters (Correspondence)

R.M. Kurzrok. "Pass-Band VSWR of Maximally Flat Band-Pass Filters (Correspondence)." 1962 Transactions on Microwave Theory and Techniques 10.2 (Mar. 1962 [T-MTT]): 145-145.

Microwave band-pass filters using high-Q cavity resonators can often be designed for almost negligible midband dissipation losses (i.e., $<1/2$ db). If these filters are designed for a maximally flat amplitude response, the insertion loss within the pass band is approximately equal to the reflection loss with-in the pass band.

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