

Abstracts

Bandwidth Curves for Mumford's Maximally Flat Filter (Correspondence)

B.M. Schiffman. "Bandwidth Curves for Mumford's Maximally Flat Filter (Correspondence)." 1967 Transactions on Microwave Theory and Techniques 15.10 (Oct. 1967 [T-MTT]): 589-589.

In 1963, Mumford published design tables for a maximally flat symmetrical band-pass filter composed of six or fewer shorted quarterwave stubs separated by quarterwave lines of unit impedance. The tables were extended to ten stubs in 1965. These tables list the stub normalized admittances $k_{\text{sub } i}$ for given values of n (the number of stubs) and a band-width-related parameter ($10 \log K_{\text{sub } n}$) calculated from the $k_{\text{sub } i}$.

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