

Abstracts

Short-Circuit Tuning Method for Singly Terminated Filters (Dec. 1977 [T-MTT])

M.H. Chen. "Short-Circuit Tuning Method for Singly Terminated Filters (Dec. 1977 [T-MTT])."
1977 Transactions on Microwave Theory and Techniques 25.12 (Dec. 1977 [T-MTT] (1977 Symposium Issue)): 1032-1036.

This paper describes a filter tuning method based upon the match of measured and computed input impedances for a short-circuited filter. Two singly terminated filters, an 8-pole Chebyshev filter, and a 6-pole pseudoelliptic function filter tuned by using this method have demonstrated excellent performance.

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