

Abstracts

Design Procedure for Inhomogeneous Coupled Line Sections

*I.E. Losch and J.A.G. Malherbe. "Design Procedure for Inhomogeneous Coupled Line Sections." 1988 *Transactions on Microwave Theory and Techniques* 36.7 (Jul. 1988 [T-MTT]): 1186-1190.*

This paper presents design formulas and a procedure for the design of inhomogeneous coupled line sections as an approximation to a series open circuited stub for application in the realization of microwave pseudo high-pass filters. The accuracy of the design equations is evaluated through the design and test of a seventh-order filter and it is found that the formulation predicts the performance of the section well beyond the quarter-wave frequency.

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