

Abstracts

Synthesis of Schiffman Phase Shifters (Short Papers)

J.L.R. Quirarte and J.P. Starski. "Synthesis of Schiffman Phase Shifters (Short Papers)." 1991 Transactions on Microwave Theory and Techniques 39.11 (Nov. 1991 [T-MTT]): 1885-1889.

The Schiffman phase shifter is a very useful passive component. In this paper equations to determine its phase deviation and maximum bandwidth when the coupling coefficient is known are presented. Equations are given also to determine the coupling coefficient for a desired bandwidth or maximum phase deviation.

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