

# Abstracts

## Characteristics of a Microstrip Two-Meander Ferrite Phase Shifter (Short Papers)

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*W.M. Libbey. "Characteristics of a Microstrip Two-Meander Ferrite Phase Shifter (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.7 (Jul. 1973 [T-MTT]): 483-487.*

A derivation for the image impedance of a microstrip line with one basic meander is presented. This shows a bandpass characteristic. A new simple technique is followed in designing a two-meander line on a G500 ferrite substrate. Scattering measurements (S-band) made on a model show excellent agreement with theory. Measured nonreciprocal differential phase shift is shown.

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