

# Abstracts

## Design Equations and Bandwidth of Loaded-Line Phase Shifters (Short Papers)

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*W.A. Davis. "Design Equations and Bandwidth of Loaded-Line Phase Shifters (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.5 (May 1974 [T-MTT]): 561-563.*

Design equations for a loaded-line phase shifter are derived for any susceptance spacing. An analysis based on these relations shows that maximum bandwidth is obtained when the spacing between the switched susceptances is 90°.

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