

Abstracts

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

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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