

Abstracts

A Note on Designing Digital Diode-Loaded-Line Phase Shifters (Short Papers)

T. Yahara. "A Note on Designing Digital Diode-Loaded-Line Phase Shifters (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.10 (Oct. 1972 [T-MTT]): 703-704.

A note is described to design digital diode-loaded-line phase shifters. A 75° separation between the loading susceptances has been shown to give the same or better performance in VSWR, loss, and phase-shift setting than a 90° separation.

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