

Abstracts

The Edge-Guided Mode Nonreciprocal Phase Shifter (Nov. 1979 [T-MTT])

D.M. Bolle and S.H. Talisa. "The Edge-Guided Mode Nonreciprocal Phase Shifter (Nov. 1979 [T-MTT])." 1979 Transactions on Microwave Theory and Techniques 27.11 (Nov. 1979 [T-MTT]): 878-882.

Results of a theoretical study are presented for a four-region model of a nonreciprocal dielectric-ferrite loaded stripline phase shifter employing the edge-guided dynamic mode. The behavior of our model in terms of the differential phase shift, the insertion loss, and the effective bandwidth is explored as a function of the various parameters involved.

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