

# Abstracts

## Analysis of E - H Plane Tee Junction Using a Variational Formulation (Short Papers)

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*B.N. Das and N.V.S.N. Sarma. "Analysis of E - H Plane Tee Junction Using a Variational Formulation (Short Papers)." 1991 Transactions on Microwave Theory and Techniques 39.10 (Oct. 1991 [T-MTT]): 1770-1773.*

An analysis of an E-H plane tee junction taking the width of the slot and wall thickness into account is presented. The parameters of the three-port equivalent network are determined. The reflection as well as transmission parameters are evaluated. A comparison between theoretical and experimental results is presented.

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