

Abstracts

Spurious Radiation from a Microstrip Y Junction

L. Lewin. "Spurious Radiation from a Microstrip Y Junction." 1978 Transactions on Microwave Theory and Techniques 26.11 (Nov. 1978 [T-MTT]): 893-894.

The radiation from a microstrip Y junction is calculated as a function of angle. It is shown that the radiated power increases monotonically with the Y angle, decreases inversely as the dielectric constant of the substrate for large permittivities, and increases as the square of the substrate thickness for thin substrates.

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