

Abstracts

The Multiple Branch Waveguide Coupler

J. Reed. "The Multiple Branch Waveguide Coupler." 1958 Transactions on Microwave Theory and Techniques 6.4 (Oct. 1958 [T-MTT]): 398-403.

A multiple branch directional coupler is discussed for rectangular waveguide applications for series junctions. A design method is developed which is valid for any coupling ratio and any number of branch lines with perfect match and directivity. The frequency response of this type coupler is calculated with the aid of a digital computer.

 [Return to main document.](#)