

Abstracts

Step-Twist-Junction Waveguide Filters

B.C. De Loach, Jr.. "Step-Twist-Junction Waveguide Filters." 1961 Transactions on Microwave Theory and Techniques 9.2 (Mar. 1961 [T-MTT]): 130-135.

The properties of step-twist-junction discontinuities in rectangular waveguide are considered. Methods are presented whereby these step-twist-junctions may be used in filter design and, in particular, in the design of variable bandwidth constant-resonant frequency filters.

 [Return to main document.](#)