

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.

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