

Abstracts

Characteristics of Inhomogeneously Filled Double L-Septa Waveguides

P.K. Saha and D. Guha. "Characteristics of Inhomogeneously Filled Double L-Septa Waveguides." 1992 Transactions on Microwave Theory and Techniques 40.11 (Nov. 1992 [T-MTT]): 2050-2054.

Three types of inhomogeneous Double L-Septa Guides produced by selective dielectric loading of the different regions have been analyzed. The cut-off and bandwidth characteristics of these configurations are compared with inhomogeneous T-septa guide and homogeneous DLSG. From the study an optimum configuration with very large bandwidth emerges as a potential structure for practical implementation.

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