

Abstracts

New Broadband Rectangular Waveguide with L-Shaped Septa (Short Papers)

P.K. Saha and D. Guha. "New Broadband Rectangular Waveguide with L-Shaped Septa (Short Papers)." 1992 Transactions on Microwave Theory and Techniques 40.4 (Apr. 1992 [T-MTT]): 777-781.

Rectangular waveguides with double L-shaped septa- variants of Double T-Septa Guides (DTSG) -have been analyzed theoretically and are proposed as new broadband waveguides. Results indicate that significant improvement in cutoff wavelength and bandwidth in particular should be available with L-shaped septa in antisymmetric configuration.

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