

Abstracts

Equivalent Circuits for Small Symmetrical Longitudinal Apertures and Obstacles

A.A. Oliner. "Equivalent Circuits for Small Symmetrical Longitudinal Apertures and Obstacles." 1960 *Transactions on Microwave Theory and Techniques* 8.1 (Jan. 1960 [T-MTT]): 72-80.

Formulas based on small aperture and small obstacle theory are presented for the determination of equivalent circuits for symmetrical longitudinal apertures and obstacles. These formulas are then applied to several examples of practical interest, including aperture discontinuities in trough waveguide and an obstacle array of interest to anisotropic radomes.

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