

Abstracts

A New Transmission Line of Round Conductor and Parallel Plane with Symmetrically Placed Slit (Short Papers)

W. Lin. "A New Transmission Line of Round Conductor and Parallel Plane with Symmetrically Placed Slit (Short Papers)." 1985 Transactions on Microwave Theory and Techniques 33.8 (Aug. 1985 [T-MTT]): 739-740.

A new transmission line consisting of a cylindrical conductor symmetrically placed opposite a slit in an infinite flat plate is formed by inversion from the line of parallel plates of equal width. The characteristic admittance of the proposed line and one possible application of which is given.

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