Planar Transmission Lines--III (Correspondence)

The general theory of planar transmission lines developed earlier allows one to show that there is only a certain range of dimensions within which the line will be mechanically stable and reproducible. Within this range, very simple approximate formulas for the attenuation and characteristic impedance can be given. The optimal line, with respect to both stability and attenuation, has its central conductors in the form of very narrow strips.

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