Abstracts

Universal Taper for Compensation of Step Discontinuities in Microstrip Lines

A simple closed form expression is derived for the contour of a taper compensating step discontinuities in microstrip lines. The procedure is based on the observation that a function playing a prominent role in the differential equation of the taper admits a simple approximation. The contour formula is shown to be valid, with good accuracy, for a very broad range of conditions.

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