

Abstracts

Universal Taper for Compensation of Step Discontinuities in Microstrip Lines

D. Raicu. "Universal Taper for Compensation of Step Discontinuities in Microstrip Lines." 1991 Microwave and Guided Wave Letters 1.9 (Sep. 1991 [MGWL]): 249-251.

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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