

Abstracts

A Novel Coplanar Slow-Wave Structure

A. Gorur. "A Novel Coplanar Slow-Wave Structure." *1994 Microwave and Guided Wave Letters* 4.3 (Mar. 1994 [MGWL]): 86-88.

A novel coplanar slow-wave structure that has the form of interdigitated-meander line is proposed in this letter for use in MMIC's. A simple analysis of this structure has been carried out by using empirical equations available in the literature and with the aid of CAD packages. A propagation velocity of about $2.8 \cdot 10^7$ m/s was measured. Comparisons between theoretical and experimental results show good agreements.

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