

Abstracts

An Improved Model for Short- and Open-Circuited Series Stubs in Fin Lines

M. Burton and W.J.R. Hoefer. "An Improved Model for Short- and Open-Circuited Series Stubs in Fin Lines." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 330-332.

This paper presents empirical closed-form expressions for the scattering parameters of series stubs in single-ridge, unilateral fin line with narrow gap width. These expressions show the effect of fin gap width, stub length, and frequency and are suitable for computer-aided design.

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