

Abstracts

Accurate Approximations for a Function Appearing in the Analysis of Microstrip (Short Papers)

E.F. Kuester. "Accurate Approximations for a Function Appearing in the Analysis of Microstrip (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.1 (Jan. 1984 [T-MTT]): 131-133.

The function $Q(x)$ defined in the body of the paper is approximated accurately over the entire range $-1 \leq x < +1$. The simple approximate formulas are then used to obtain some simple expressions for several quantities which are encountered in the quasistatic analysis of microstrip transmission line.

[Return to main document.](#)