

Abstracts

A Perturbation Theory for Microstrip Propagation

R.E. Collin and B. Kretch. "A Perturbation Theory for Microstrip Propagation." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 561-562.

A perturbation theory for propagation on an open microstrip transmission line is developed by expanding the field and the propagation constant in a power series in $k_{\text{sub 0}}$, the free space wave number. This theory only requires the use of two relatively simple static Green's functions.

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