

Abstracts

A Useful Equivalence for the Input Reactance Seen by the Coaxial Line in a Broadwall Coaxial-Microstrip Launcher

C.D. Gupta and R.S. Tomar. "A Useful Equivalence for the Input Reactance Seen by the Coaxial Line in a Broadwall Coaxial-Microstrip Launcher." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 324-326.

The broadwall coaxial-microstrip launcher has been studied from the point of view of modelling the reactance seen at the coaxial port. It turns out that, for the purpose of writing the input reactance, the feeding probe can be treated as a thin cylindrical antenna situated in an homogeneous infinite space.

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