

Abstracts

Enhanced Dominant Mode Operation of Shielded Multilayer Coplanar Waveguide

M.R. Lyons, J.P.K. Gilb and C.A. Balanis. "Enhanced Dominant Mode Operation of Shielded Multilayer Coplanar Waveguide." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 943-946.

Variations of the even mode cutoff frequency are examined as a function of dielectric constant and height in a shielded multilayer Coplanar Waveguide (CPW). Specific combinations using internal substrates are shown to increase dominant mode bandwidth and produce maximization of the even mode cutoff frequency.

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