

Abstracts

Characteristics of finite ground coplanar waveguide lumped elements

G.E. Ponchak and L.P.B. Katehi. "Characteristics of finite ground coplanar waveguide lumped elements." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 1003-1007.

This paper presents the measured characteristics of lumped elements in coplanar waveguide with narrow width ground planes. It is shown for the first time that lumped elements may be placed in the ground planes of the Finite Ground Coplanar (FGC) waveguide to obtain enhanced electrical characteristics.

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