

Abstracts

Losses in Coplanar Waveguides (Short Papers)

A. Gopinath. "Losses in Coplanar Waveguides (Short Papers)." 1982 *Transactions on Microwave Theory and Techniques* 30.7 (Jul. 1982 [T-MTT] (Joint Special Issue on GaAs IC's)): 1101-1104.

Conductor losses in coplanar waveguides have been calculated using a quasi-static Green's function approach. These calculations and others on dielectric and radiation losses are used to compute the quality factor of half-wavelength resonators, and comparison with measurements show good agreement.

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