

Abstracts

Experimental Results on Microshield Transmission Line Circuits

T.M. Weller, G.M. Rebeiz and L.P. Katehi. "Experimental Results on Microshield Transmission Line Circuits." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 827-830.

Presented here are the first experimental data on microshield circuits which use the membrane technology. Microshield shows potential for improved performance relative to current planar transmission line geometries. This paper will describe results on stepped-impedance filters and coplanar waveguide-to-microshield transitions.

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