

Abstracts

Channelized Coplanar Waveguide: Discontinuities, Junctions, and Propagation Characteristics

R.N. Simons, G.E. Ponchak, K.S. Martzaklis and R.R. Romanofsky. "Channelized Coplanar Waveguide: Discontinuities, Junctions, and Propagation Characteristics." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 915-918.

A new variant of CPW which has been termed channelized CPW, CCPW, is presented. Measured and computed propagation characteristics are presented. Lumped equivalent circuit element values for a CCPW open circuit and right angle bend have been obtained. CCPW power divider junctions and a coax-to-CCPW in-phase, radial power divider are also presented.

[Return to main document.](#)