Abstracts

Effects of Air-Bridges and Mitering on Coplanar Waveguide 90° Bends: Theory and Experiment

A.A. Omar, Y.L. Chow, L. Roy and M.G. Stubbs. "Effects of Air-Bridges and Mitering on Coplanar Waveguide 90° Bends: Theory and Experiment." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 823-826.

The effects of the mitres and air-bridge dimensions and locations on coplanar waveguide (CPW) 90° bends are investigated using the moment method. An experiment is conducted to verify the accuracy of our calculations. These show that the CPW bends are mainly affected by the air-bridge height and location not the mitering.

❑ Return to main document.