

Session K:

Passive Components I: Power Dividers and Phase Shifters

Chairman: George L. Matthaei
University of California
Santa Barbara, CA

Novel means have been obtained for broad-banding rat-race couplers and Gysel-type power dividers. Power dividers or combiners are described which connect multiple microstrip lines to a waveguide part. A related development is an efficient transition between waveguide and coplanar line. By use of hybrids and diodes a low-loss, 360-degree analog X-band phase shifter has been obtained.

1:30 p.m.–3:00 p.m., Tuesday, May 8, 1990
West Ballroom C