

RF PASSIVE COMPONENTS AND CIRCUITS – STRIP LINES AND MICRO STRIP LINES

ARUN KUMAR TIWARI

Abstract

Striplines and micro striplines find extensive applications at microwave frequencies. In this paper, analysis has been carried out for thin, thick and asymmetrical striplines. A model has been developed for quadrature (90°) hybrid coupler using striplines and simulation results of a branch-line hybrid coupler has been shown.