

Abstracts

Coupling Between Microstrip Line and Image Guide Through Small Apertures in the Common Ground Plane (Short Papers)

J.-F. Miao and T. Itoh. "Coupling Between Microstrip Line and Image Guide Through Small Apertures in the Common Ground Plane (Short Papers)." 1983 Transactions on Microwave Theory and Techniques 31.4 (Apr. 1983 [T-MTT]): 361-363.

A design theory is described for coupling between microstrip line and image guide through small coupling holes in a common ground plane. A five-slot Chebyshev coupler is designed based on coupling through a rectangular slot. The theoretical results are compared with experimental results.

 [Return to main document.](#)