

Abstracts

A Broad-Band Directional Coupler for Both Dielectric and Image Guides (Short Papers)

R.J. Collier and G. Hjipieris. "A Broad-Band Directional Coupler for Both Dielectric and Image Guides (Short Papers)." 1985 Transactions on Microwave Theory and Techniques 33.2 (Feb. 1985 [T-MTT]): 161-163.

A four-port directional coupler is presented for use in dielectric and image guides. Simple design equations are derived and the subsequent results are in good agreement with theory. Broad-band performance has been achieved over the entire conventional waveguide bandwidth (26-40 GHz).

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