

Abstracts

Coplanar-Waveguide Directional Couplers

C.P. Wen. "Coplanar-Waveguide Directional Couplers." 1970 *Transactions on Microwave Theory and Techniques* 18.6 (Jun. 1970 [T-MTT]): 318-322.

Design information for coplanar-waveguide directional couplers has been calculated using quasi-static zeroth-order approximations. Experimental results on a 10-dB directional coupler designed from these calculations have shown reasonably good agreement with predictions. The smaller difference in even- and odd-mode velocity in a coplanar-waveguide directional coupler leads to better directivity and better performance than a microstrip directional coupler.

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