

Abstracts

An Oversize Waveguide Directional Coupler Using Two Prisms Interface-Matched by Means of the Brewster's-Angle Effect (Correspondence)

I. Takao and K. Watanabe. "An Oversize Waveguide Directional Coupler Using Two Prisms Interface-Matched by Means of the Brewster's-Angle Effect (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.2 (Feb. 1969 [T-MTT]): 124-125.

A quasi-optical oversize waveguide directional coupler with two prisms that are interface-matched by means of the Brewster's-angle effect is described. Experimental results showed that the coupler worked satisfactorily over the frequency range from 50 to 90 GHz.

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