

Abstracts

Tapered Optical Directional Coupler

M.G.F. Wilson and G.A. Teh. "Tapered Optical Directional Coupler." 1975 Transactions on Microwave Theory and Techniques 23.1 (Jan. 1975 [T-MTT] (Special Issue on Integrated Optics and Optical Waveguides)): 85-92.

Tapered velocity optical directional couplers showing 100-percent coupling have been fabricated in thin film form. A computer analysis shows that this type of coupler has greatly improved tolerance properties and does not, in particular, suffer from the severe tolerance restriction placed on velocity synchronism in conventional uniform couplers.

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