

Abstracts

Analysis of Fiber Interferometer Utilizing 3 x 3 Fiber Coupler

R.G. Priest. "Analysis of Fiber Interferometer Utilizing 3 x 3 Fiber Coupler." 1982 Transactions on Microwave Theory and Techniques 30.10 (Oct. 1982 [T-MTT] (Special Issue on Optical Guided Wave Technology)): 1589-1591.

An analysis of the properties of the 3 X 3 fiber coupler is made. The analysis reveals that four parameters are required to characterize the power transfer properties of this type of coupler. The performance of a fiber interferometer is analyzed in terms of these four parameters.

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