

Abstracts

Large Signal Analysis of Optical Directional Coupler Modulators (Short Papers)

M.T. Abuelma'atti. "Large Signal Analysis of Optical Directional Coupler Modulators (Short Papers)." 1992 Transactions on Microwave Theory and Techniques 40.8 (Aug. 1992 [T-MTT]): 1722-1725.

This paper deals with the large-signal analysis of optical directional coupler modulators. Expressions are obtained for the output harmonic and intermodulation products of such devices when driven by multisinusoidal input signals. The special case of relatively small input amplitudes is considered. The results presented are verified through comparisons with previously published results.

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