Abstracts

Modeling of broad-band traveling-wave optical-intensity modulators

R. Krahenbuhl and W.K. Burns. "Modeling of broad-band traveling-wave optical-intensity modulators." 2000 Transactions on Microwave Theory and Techniques 48.5 (May 2000 [T-MTT]): 860-864.

In this paper, an accurate simulation tool for the electrical and optical response of broad-band traveling-wave optical intensity modulators is presented, which takes into account multisectional electrical transmission lines. This model is applied to analyze a high-speed fully packaged LiNbO/sub 3/ Mach-Zehnder interferometer.

❑ Return to main document.