Design of optical switch in one optical communication system

A Project
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Abstract:

This project presents a mathematical model established to show the (wavelength, distance between two branches, difference refractive index, length of branch, phase difference voltage) effect on the efficiency of the optical switch by using Matlab simulations. Additionally, it can be used to vary the variables to the (wavelength, distance between two branches, difference refractive index, length of branch, phase difference voltage) under the condition to be improved, this model leads to enhancement of the performance of optical modulator.
References:


