

simulation considering strip conductor is perfect electric. We have also compared these simulation results with 1-D wave analysis. It is also found that using ITO as a strip conductor losses are within tolerance and can be used for device applications at low frequencies. This study proposes a new class of optically controlled device which can be used as delay line, phase shifters, having features like ultrafast response, high isolation between controlling and controlled devices, high power handling capacity and easy to fabricate.

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