

عنوان مقاله:

Optimized filter design and simulation of photonic crystal lattice structure to reduce crosstalk phenomenon January
Maltese telecom dual-channel multiplexer

محل انتشار:

چهارمین کنفرانس بین المللی پژوهش های نوین در علوم مهندسی و تکنولوژی (سال: 1394)

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نویسنده:

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خلاصه مقاله:

In this study tow-dimensional photonic crystal lattice structure optimization and the use of resonance and wavelet crosstalk phenomenon in the Maltese telecom was reduced tow-channel multiplexer while reducing crosstalk phenomenon equal to the average -19,74 dB and average bandwidth $\Delta\lambda$ and transmission ,.02 nm range and average value %93,47of average quality 7829,25 were obtained the design using computational algebraic methods current at the Tim of optimized photonic crystal communication multi-channel multiplexer next two to reduce crosstalk phenomenon was observed

کلمات کلیدی:

Crosstalk , Di Maltese multiplexer , Quality factor , Bandwidth. Photonic crystals :

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/515292>

