

Customization Process for Low-Noise Passive Optical Components for Mining

These advantages have attracted interest from the optical interconnect industry, and individual companies have formed their own design teams to develop basic optical building blocks such as ...

We demonstrate low-loss SiN passive optical components, encompassing straight and bend waveguides, 1×2 MMI, 2×2 MMI, directional-coupl

For custom optical components--isolators, circulators, couplers, and splitters--the difference between a prototype that shines and a product that scales is simple to state but hard to ...

The solutions in this paper are called mobile optical solution blueprints, or just Blueprints, encompassing the optical technologies--mainly optical pluggable modules but also accompanying ...

We supply high quality industrial and medical optical components at extremely competitive B2B pricing, standard or customized. Please contact us to discuss your applications requirements.

Here we demonstrate an integrated approach for passively isolating a continuous-wave laser using the intrinsically non-reciprocal Kerr nonlinearity in ring resonators.

We describe the processes of design, fabrication, and integration of micro/nano-scale polymer optical waveguide devices, circuits, and arrays for O-PCB application and for VLSI micro/nano-photonics ...

We survey the state of the art in fundamental building blocks, including strip, rib, and silicon nitride waveguides, with a focus on achieving ultra-low propagation loss.

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