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Citation

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Abstract

Planar-integration of free-space interconnection systems has been proposed in order to reduce alignment problems and to provide smaller, robust and monolithic component [1-5]. This approach allows compact, non-blocking and bi-directional optical connection. They can be divided into passive and active components. Passive links are static and cannot be modified, they just offer a path for light between two processors. On the other hand, active interconnection are dynamic and can be reconfigured by controlling switching elements.

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