

## Fiber Multimode Planar Waveguide Coupler



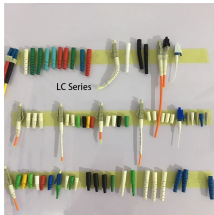
## Fiber Multimode Planar Waveguide Coupler



In this paper, we propose and design a reconfigurable fiber-to-waveguide coupling (RFWC) module based on a PCM overlaid switchable directional coupler (SDC), which serves both ...



of affordable planar multimode components that are capable to perform advanced network functionalities. In this work novel designs of planar multimode 1 x N power splitters and N x N star ...



We describe a high coupling-efficiency waveguide grating coupler for use in the optical interface between a planar multimode waveguide and a multimode optical fiber in mode division...



We present how a conventional Si waveguide grating coupler can be integrated with a polymerizable liquid crystal polarization grating to provide vertical coupling between optical fibers and ...



We report on the design and fabrication of compact and potentially low-cost multimode fiber matched 1 x N and N x N couplers for LAN's. The design utilizes the self-imaging effect and tapering of the Multi ...



FIGURE 14.1 shows the structure of a fiber to planar waveguide coupler comprising a side-polished fiber block with the single-mode fiber evanescently coupled to a multimode planar waveguide overlay with ...



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We describe a novel and highly efficient multimode waveguide grating coupler which can simultaneously and selectively launch three mode channels (LP01, LP11 and LP12) in a graded-index multi-mode ...



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In this paper we report a novel design of a multimode waveguide grating coupler, that advances the state-of-the-art over the previously demonstrated launch of two modes per polarization in a...

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