

Ultra-High-Efficiency Apodized Grating Coupler Using a Fully Etched Photonic Crystal - DTU Orbit (09/11/2017)

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We demonstrate an apodized fiber-to-chip grating coupler using fully etched photonic crystal holes on the silicon-on-insulator platform. An ultra-high coupling efficiency of 1.65 dB (68%) with 3 dB bandwidth of 60 nm is experimentally demonstrated.

General information

State: Published

Organisations: Department of Photonics Engineering, Nanophotonic Devices, High-Speed Optical Communication, Diode Lasers and LED Systems

Authors: Ding, Y. (Intern), Peucheret, C. (Intern), Ou, H. (Intern)

Number of pages: 2

Pages: MM1-6

Publication date: 2013

Host publication information

Title of host publication: 2013 Conference on Lasers and Electro-Optics Pacific Rim (CLEO-PR)

Publisher: IEEE

ISBN (Print): 978-1-4673-6476-8

Main Research Area: Technical/natural sciences

Conference: 2013 Conference on Lasers and Electro-Optics Pacific Rim, Kyoto, Japan, 30/06/2013 - 30/06/2013

DOIs:

10.1109/CLEOPR.2013.6599991

Source: dtu

Source-ID: n::oai:DTIC-ART:iel/392313929::32082

Publication: Research - peer-review › Article in proceedings – Annual report year: 2013