Budowa Silesia Photonics

Quasi-colorless laser diode

Overview

The ability to achieve CW lasing with simple, low-cost laser diodes as a pump source opens the door to a new generation of compact, tunable, and energy-efficient quantum dot light sources. Credit to: Donghyo Hahm A new study led by. In this paper, we demonstrate a high-power, quasi-continuous wave using a laser-diode dual-end-pumped Nd:YAG InnoSlab laser at 1319 nm. The maximum average output power of 210 W at a single 1319 nm wavelength is obtained with an optical-optical efficiency of 18. 8% from absorbed pump power to laser. Yu-Sheng Liao, Yu-Chieh Chi, Hao-Chung Kuo, and Gong-Ru Lin Your library or personal account may give you access The 25-km bi-directional 2. 5Gb/s pulsed-RZ transmission in a quasi-color-free DWDM-PON with down- and up-stream slave weak-resonant-cavity Fabry-Perot laser diodes (WRC-FPLDs) coherently injection-locking and pulsating by a gain-switched master WRC-FPLD after 200-GHz AWG channelization is.

Article Content

Quasi-Color-Free LD-Based Long-Reach 28-GHz MMWoF With 512 ...

An integrated vertical-cavity surface-emitting laser (VCSEL) and blue light emitting diode (LED) based visible light communication (VLC) system by using the decode-and-forward (DF) relay ...

Quasi-Color-Free LD-Based Long-Reach 28-GHz MMWoF With 512-QAM OFDM

At the fiber-wired optical transmission stage, the dual-mode QCFLD can support raw data rates up to 54, 42, and 24 Gbit/s after 0, 25, and 50-km SMF transmissions. The data-rate ...

Low-threshold lasing from colloidal quantum dots under quasi ...

Here we demonstrate QD lasing using excitation from an electrically modulated (0.1–1% duty cycle), low-power continuous-wave laser diode, achieving lasing at a pump intensity just above ...

Toward Nonepitaxial Laser Diodes | Chemical Reviews

This review outlines the historical development and recent advances of each material system on the path to a diode laser. Common challenges in resonator design, electrical injection, and ...

Multi-Color Optical Quasiparticle Laser Source Formed of a Pr

In this paper, we herein report on the direct generation of multicolor (523, 605, 637, and 719 nm) optical skyrmions and other quasiparticles (bimerons) from a blue laser diode pumped ...

Pulsating master and injected slave weak-resonant-cavity laser diodes ...

The 25-km bi-directional 2.5Gb/s pulsed-RZ transmission in a quasi-color-free DWDM-PON with down- and up-stream slave weak-resonant-cavity Fabry-Perot laser diodes (WRC-FPLDs) coherently ...

Lighting the photonics frontier with engineered quantum dots

The ability to achieve CW lasing with simple, low-cost laser diodes as a pump source opens the door to a new generation of compact, tunable, and energy-efficient quantum dot light ...

A compact, high-efficiency, quasi-continuous wave mini-stack diode ...

This article presents the design and characterization of a quasi-continuous wave (QCW) diode pumped Nd:YAG laser with a reduced size. The use of QCW diodes as a pumping source ...

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Abstract: The 25-km bi-directional 2.5Gb/s pulsed-RZ transmission in a quasi-color-free DWDM-PON with down- and up-stream slave weak-resonant-cavity Fabry-Perot laser diodes (WRC-FPLDs)...

210-W, Quasi-Continuous Wave, Nd:YAG InnoSlab ...

In this paper, we demonstrate an LD dual-end-pumped, Nd:YAG InnoSlab laser for high-power QCW operation at 1319 nm.

210-W, Quasi-Continuous Wave, Nd:YAG InnoSlab Laser at 1319 nm

In this paper, we demonstrate an LD dual-end-pumped, Nd:YAG InnoSlab laser for high-power QCW operation at 1319 nm.

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