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In this paper we report on a continuous-wave and electro-optically (EO) Q-switched Ho-doped lutetium vanadate (Ho:LuVO<sub>4</sub>) laser dual end-pumped by two laser diodes at 1.94  $\mu\text{m}$ .



The laser diode is a single chip integrating two laser chips and uses high-accuracy light emission point control, low-profile package, and other advanced technologies, thus allowing you to improve the ...



The diode lasers of the Bluephoton® / Greenphoton® / Redphoton® DualDiode Series are temperature-stabilized lasing diode modules, with two laser diodes of equal wavelength, whose laser beams are ...



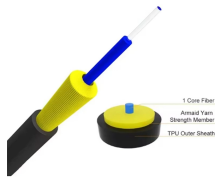
Keywords GAINP VISIBLE LASER DIODES INDEPENDENTLY ADDRESSABLE SINGLE SPATIAL MODE 30 MA ROOM TEMPERATURE OPERATION 38 MW SINGLEMODE OUTPUT POWERS ...



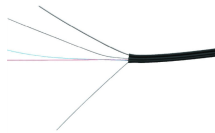
A 1.60- $\mu\text{m}$  laser diode and electroabsorption modulator monolithically integrated with a dual-waveguide spot-size converter output for low-loss coupling to cleaved single-mode optical fiber is demonstrated.



In addition to using the Dual Laser Fault Injection System for multi-laser attacks, it can also be used in a setup with two lasers both scanning half the surface of a chip, firing simultaneously, ...



A ridge laser diode monolithically integrated with a buried-ridge-structure dual-waveguide spot-size converter operating at 1.58  $\mu\text{m}$  is successfully fabricated by means of low-energy ion implantation ...



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Room temperature, continuous wave operation of independently addressable, dual spot, single spatial mode GaInP laser diodes emitting at 675nm is reported. Threshold currents of 30mA ...



VCSEL laser diodes (Figure 3) can be fabricated in 2-D arrays for use in optical computing, printing and communications. Their laser structure has a circular aperture allowing the output beam to be easily ...

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