Laser Diode Pulse Source

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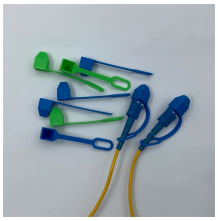
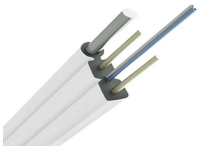
	This high power pulsed laser diode generates nanosecond range optical pulses out of a multimode fiber. It includes a synchronization tool.
	Pulsed laser diodes have their roots in military applications. They ...
	Lumibird manufactures a wide range of nanosecond pulsed lasers thanks to its expertise in three key technologies: solid-state lasers, fiber lasers and fiber amplifiers, and laser diodes.
	This high power pulsed laser diode generates nanosecond range optical pulses out of a multimode fiber. It includes a synchronization tool.
	Here we propose a high-repetition-frequency high-power pulse power supply for laser diode driving by using frequency synthesis technique. This technique generates a high repetition ...

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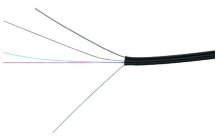
What is a Pulsed Laser Diode Driver? Pulsed drivers are specialty current sources that offer pulse repetition rates in the range of single shot up to roughly 500 MHz.

DeltaDiode heads are manufactured with either laser diodes or LEDs as their primary sources. Laser diodes offer shorter pulse durations, brighter intensities and operate at faster repetition rates than the ...

Use our pulsed 905 nm laser diodes as compact, economical, and reliable sources for LiDAR in automotive, industrial, and consumer applications. Housed in a TO-56 metal package, these lasers ...

Thorlabs'' Nanosecond Pulsed Laser Diode Systems are designed to provide a convenient, turnkey source of nanosecond pulse trains at repetition frequencies up to 10 MHz.

airborne platforms are very sensitive to size, weight, and volume. Improving airborne suitability requires minimizing the SWaP of the laser diode pump source as well as the pump''s supporting equipment



Pulsed laser diodes have their roots in military applications. They are ideally suited to rangefinding thanks to their short pulse widths and high output powers.

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	At the heart of the LDP-3840B is a precision pulsed current source that delivers clean pulses with low overshoot and fast rise and fall times. The 3840B''s low noise, transient-suppressed output is …

Contact Us

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