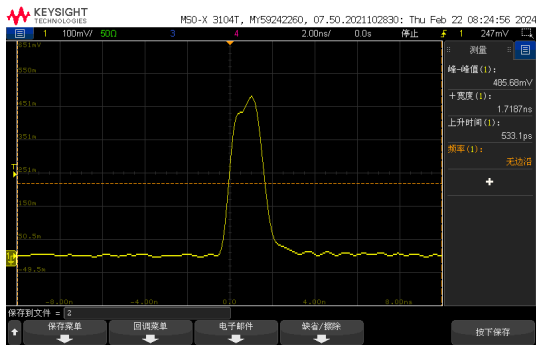


1064nm Nano-second Pulse Fiber Laser

SINGLE-FREQUENCY & NANOSECOND LASERS



The nanosecond pulsed laser employs unique circuit and optical optimization designs, allowing for adjustable output laser pulse duration, peak power, and repetition rate. It features stable operating wavelength and power output, with single-mode fiber output and a modular design that facilitates system integration. It is suitable for applications such as laser ranging and fiber optic sensing.

- All-fiber structure
- Lidar
- Pulse Duration / Freq / Power Adjustable
- Nonlinear Optics
- Benchtop or module package
- Fiber Sensing

Specifications

Parameter	Specification
Center Wavelength (nm)	1064 ± 2
Optical spectrum width (nm)	≤1
Peak Power (W)	10 ~ 50 A djustable
Pulse Duration (ns)	2 ~ 50 A djustable
Repetition Rate (kHz)	1~1000
Short-term stability (15 minutes) (dB)	≤ ±0.02
Long-term stability (8 hours) (dB)	≤ ±0.05
Trigger Mode	Internal/External Trigger
Optical Fiber	Hi-1060
Fiber connectors	FC/APC

* Peak Power: Maximum power customizable

* Short-term stability (15 minutes): ≤±0.5%

* Long-term stability (8 hours): ≤±1.2%

* Trigger Mode: SMA Interface

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.