

1550nm Nanosecond Pulse Fiber Laser

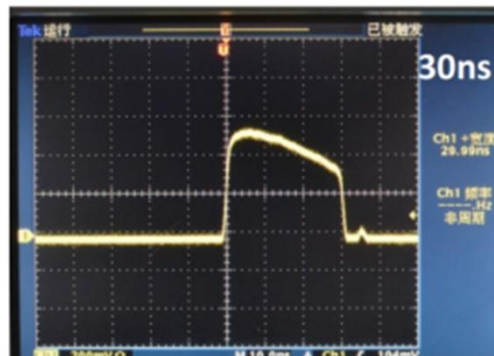
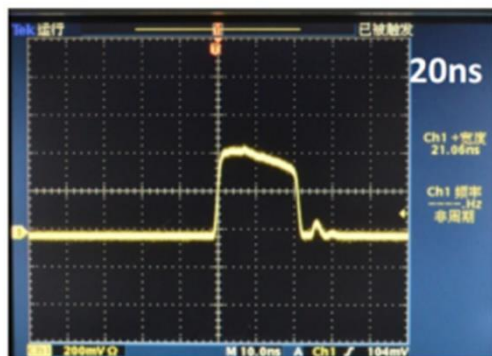
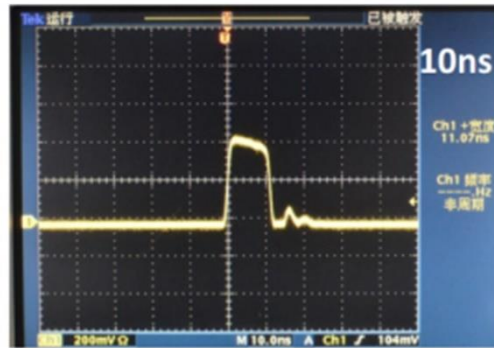
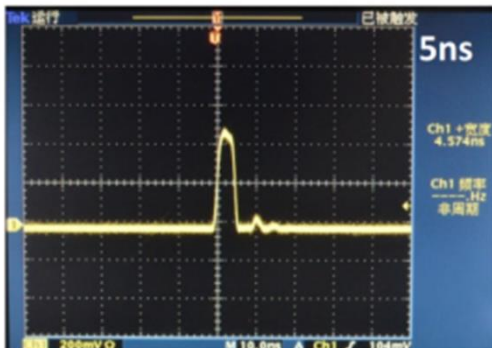
Nanosecond pulse laser adopts unique circuit and optical optimization design. The pulse width, peak power and repetition frequency of the output laser are all adjustable. Single mode fiber output and modular packaging make the laser easy for system integration and suitable for distributed optical fiber sensing system applications.

Characteristics

- Fiber Laser
- High Output Power
- Narrow Pulse Duration

Applications

- LiDAR
- Nonlinear Optics
- Fiber Distributed Sensing



Optical Parameters	Unit	Typical Value	Remarks
Wavelength	nm	1550±1	*1
Laser Linewidth	nm	≤1	
Pulse Peak Power	W	5 ~ 30	Tunable*2
Pules Duration	ns	5 ~ 30	Tunable
Pulse Repetition Rate	kHz	1 ~ 100	Tunable
Trigger	-	External	SMA
Optical Fiber	-	Hi1060 /SMF-28	
Fiber Connectors	-	FC/APC	

* 1,2 Different wavelength or other output power models are available upon request.



General Parameters	Bench-top	Module
Control function	Key lock switch, Push button	RS232 serial Communication
Remote Control Port	Optional	DB9 Female
Power Supply	AC100~240V, <30W	DC 5V3A
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×30(H)mm
Operation Temperature	-5~+35°C	
Operation Humidity	0~70%	

Ordering Information/ Product Code				
NLFL	Wavelength(nm)	Pulse Peak Power(W)	Fiber	Packaging
	1550	10/30/50	SM= SMF-28/Hi1060	M=Module B=Bench-top

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