1550nm Nano-second Pulse Fiber Laser

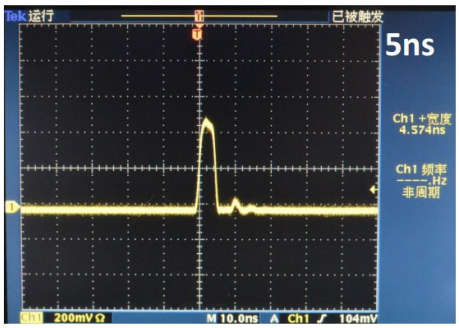
Single frequency narrow linewidth fiber laser adopts rare earth-doped fiber DFB laser cavity structure, output wavelength 1550nm single longitudinal mode laser, spectral linewidth is less than 3kHz, output spectral side mode suppression ratio exceeds 60dB, can provide module or desktop package, it is distributed Ideal laser source for applications such as sensing.

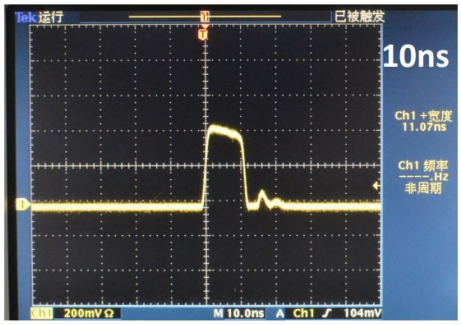
Key Features

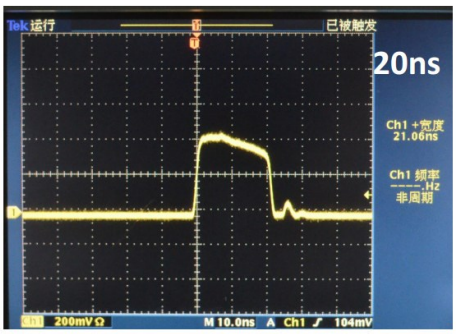
- All-fiber Structure
- Pulse width, Repetitive Frequency, Power adjustable
- Desktop or Modular Packaging

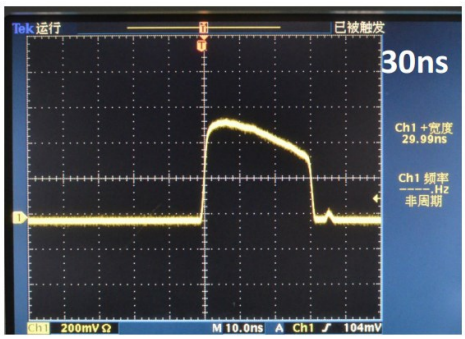
Applications

- High Power Laser Seed Source
- Nonlinear Optics
- Fiber Distributed Sensing









For more Info

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Performance Specifications 1550nm Nano-second Pulse Fiber Laser

Optical Parameter	Unit	Typical Values	Remark
Center wavelength	nm	1550±1	
Spectral width	nm	≤1	
Peak output power	W	5~30 adjustable	Maximum power Customized
Pulse Width	ns	5~30 adjustable	Pulse width Customized
repeat frequency	kHz	1~100 adjustable	
Power stability	dB	≤±0.02@15min, ≤±0.05@10h	
Trigger method	-	External trigger	
Fiber Type	-	SMF-28 / PM1550 Panda	SMA
Optical Connector	-	FC/APC	

Electrical and environmental parameters	Desktop	Module
Control Mode	Button	RS232
Communication Interface	* Optional	DB9 Female
Power Supply	100~240V AC, <30W	5V DC, <15W
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operation Temperature Range	-5~+55°C	
Operation Humidity Range	0~70%	

Order information

P/N: ①-②-③-④-⑤

When you inquire, please provide the correct P/N number according to our ordering information, and attach the appropriate description would be better.

①	②	③	④	⑤
NLFL	Wavelength Range	Output power (mW)	Fiber Type	Package Type
	1550:1550nm	10/3050	S28: SMF-28e	M: Module
			P15: PM1550 panda	B: Desktop

Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.