

515/532nm Picosecond Pulse Fiber Laser

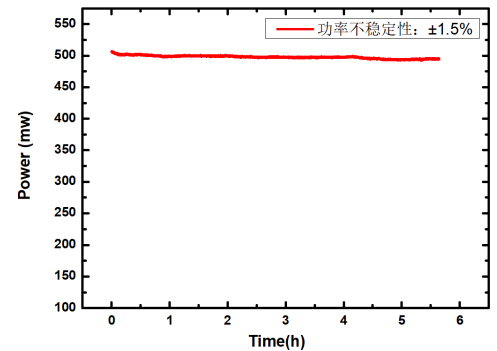
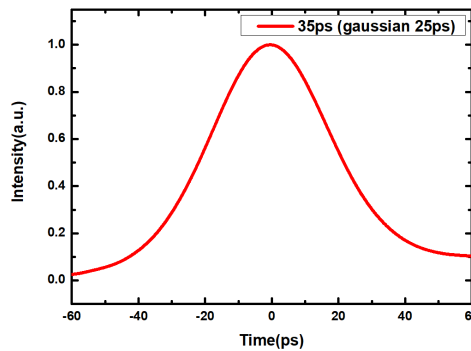
Key Features

- Ultrashort pulse
- All PM high stability
- Self-starting and maintenance-free

DK Photonics Y-Fiber series ultrafast lasers use high-performance rare earth fiber as the working medium, combined with full polarization-maintaining mode-locking and frequency doubling technology, to achieve stable output of picosecond pulsed lasers in the 515/532nm band. It can be fully self-started and work stably for a long time. It has the characteristics of narrow laser pulse and high pulse peak optical power. It can be used for scientific research in the fields of fluorescence lifetime microscopic imaging and nonlinear optics.

Applications

- Fiber laser pumping
- Supercontinuum generation
- Seed laser pulse



For more Info

Please contact us at:

Tel: +86-755-23736280

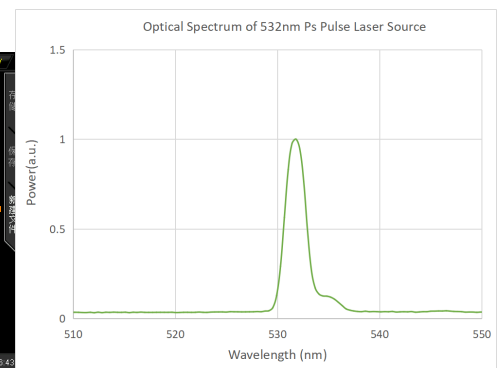
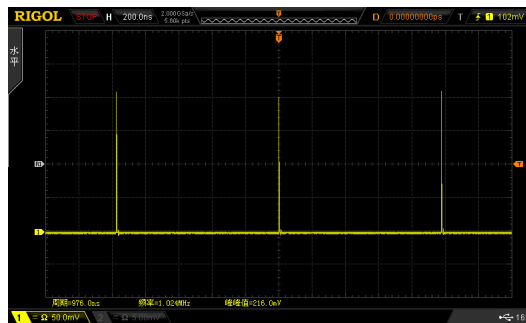
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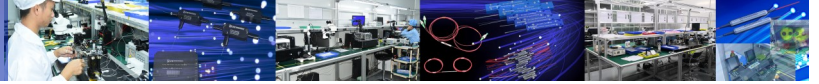
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Performance Specifications 515/532nm Picosecond Pulse Fiber Laser

Optical Parameter	Unit	Typical Values	Remark
Center wavelength	nm	515/532	Customizable
Spectral width	nm	0.3	Customizable
Pulse Width	ps	10/20/50/100	Customizable
Output average power	mW	1~200	Customizable
Power instability	-	< ±1%	25℃, 5 min after starting
Repeat frequency	MHz	15~100	Customizable
Single pulse energy	nJ	>0.5	
Polarization state		Linear polarization	
Laser output type	-	Free Space	
Preheat time	min	<1	

Electrical and environmental parameters	Desktop	Module
Control Mode	Button	Button
Synchronous electrical signal interface	SMA	SMA
Power Supply	100~240V AC, <30W	5V DC, <20W
Dimensions	260(W)×280(D)×120(H)mm	200(W)×121(D)×55(H)mm
Operation Temperature Range	5~+45℃	
Operation Humidity Range	0~70%	

Order information P/N: ①-②-③-④-⑤-⑥-⑦

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	⑥	⑦
PSPL	Wavelength	Pulse Width(fs)	Output average power (mW)	Repeat frequency	Output Type	Package Type
	515/532	10/20/50/100	10/50/200/2000	15/50/100	FS: Free-Space	M: Module B: Desktop

Ordering Information for Custom Parts

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