

1030/1064nm Picosecond Pulse Fiber Laser

Key Features

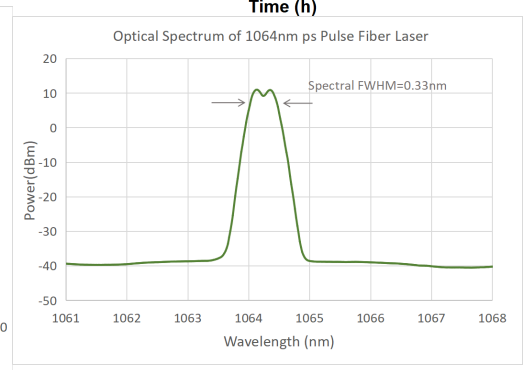
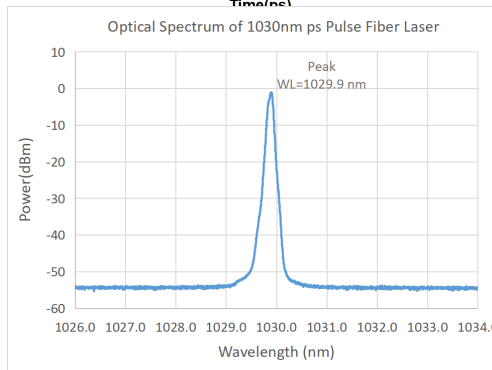
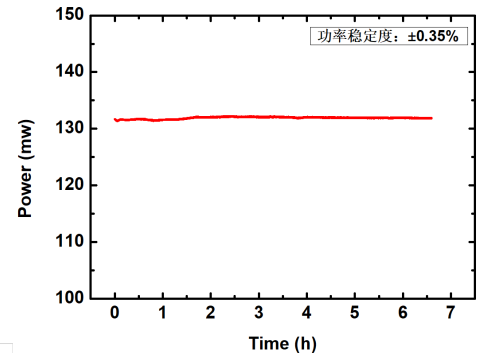
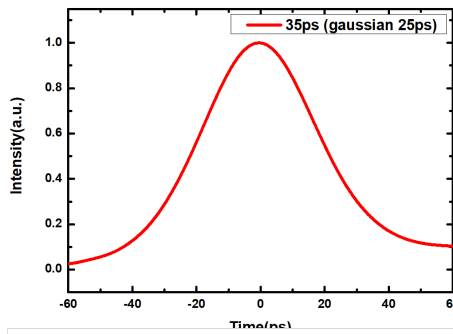
- Ultrashort pulse
- All PM high stability
- Self-starting and maintenance-free

DK Photonics Y-Fiber series ultrafast lasers use high-performance rare earth fiber as the working medium, combined with full polarization-maintaining mode-locking technology and active servo control system, to achieve stable output of 1030/1064nm band picosecond pulse laser. It can be completely self-started and work stably for a long time. It has the characteristics of narrow laser pulse and high pulse peak optical power. This light source can be used for scientific research in the fields of high-power laser, supercontinuum, laser ranging, etc.

* Accept customization of parameters such as pulse width, power, and repetition frequency.

Applications

- Fiber laser pumping
- Supercontinuum generation
- Seed laser pulse



For more Info

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Performance Specifications 1030/1064nm Picosecond Pulse Fiber Laser

Optical Parameter	Unit	Typical Values	Remark
Center wavelength	nm	1030/1064	Customizable
Spectral width	nm	0.3	Customizable
Pulse Width	ps	10/20/50/100	Customizable
Output average power	mW	10~2000	Customizable
Power instability	-	< ±1%	25°C, 5 min after starting
Repeat frequency	MHz	15~100	Customizable
Single pulse energy	nJ	>1	
Polarization state		Linear polarization	
Laser output type	-	PM980 fiber with FC/APC or 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°C	
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
	1030/1064	10/20/50/100	10/50/200/2000	15/50/100	SM: HI1060 PM:PM980 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.