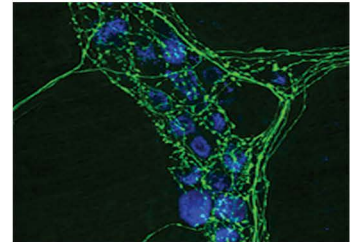


## 532nm Ultrafast Fiber Laser - Rainbow 532 OEM

Rainbow 532 OEM is a high-performance 532nm (Green) picosecond fiber laser. It is comprised of our best-selling Rainbow 1064 OEM and a compact frequency-doubling module to generate green laser beam with excellent power and transverse mode stability. The laser is highly compact and well-suited for multi-purpose spectroscopy systems.

Rainbow 532 OEM has flexible parameters upon user requests. The laser operates at a wavelength of 532nm, and has pulse width of <15ps, repetition rate range between 20-80MHz and an average power >20 mW. A fiber-pigtailed version is available as an option.



### Key Features :

- 10ps green light output
- High peak power
- Linearly polarization
- Diffraction limited beam

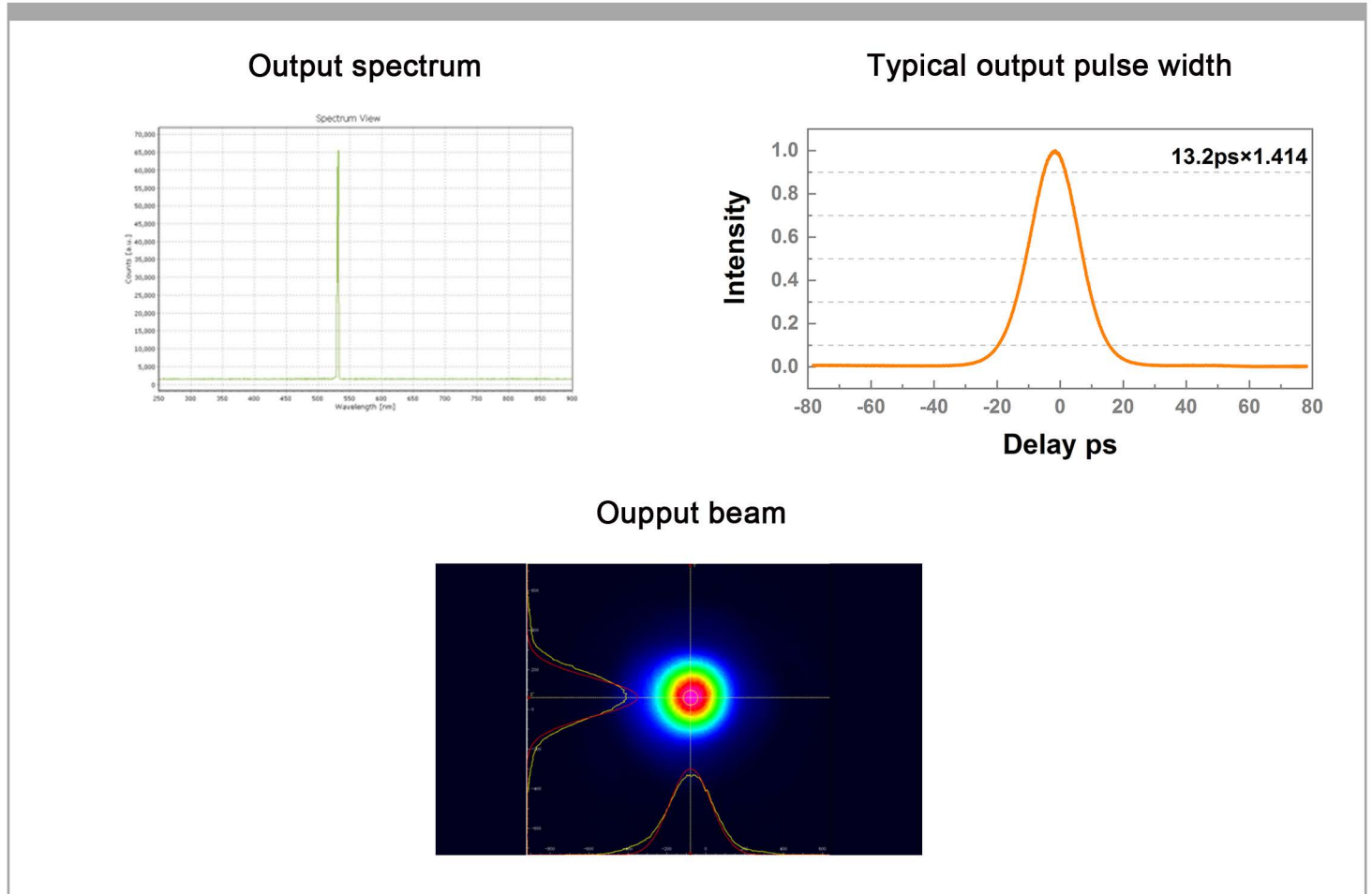
### Applications :

- TCSPC
- SHG/THG imaging
- Time-resolved fluorescence
- Ultrafast seed

## » Main Specification:

Laser Parameters		
Operating Wavelength	nm	532
Pulse Width (FWHM)	ps	<15
Repetition Rate	MHz	20-80
Average Power	mW	>20
Polarization Extinction Ratio	dB	>20
Average Power Stability	% RMS	<0.5 (12h@25°C)
Output Type	Collimation output(PM fiber output optional)	
Electrical, Environmental and Mechanical Parameters		
Power Consumption	V	1 V @50 Ohm
Trigger Signal	Watt	<30
Supply Voltage	VDC	12
Operational Temperature Range	°C	10-45
Operational Humidity Range	%	20~80 ( non-condensing )
Storage Temperature Range	°C	0-50
Storage Humidity Range	%	20~80 ( non-condensing )
Weight Laser Head	kg	2.5
Dimensions Laser Head	mm(L×W×H)	185×127×50
Cooling	Air-cooled	

### Test Data :



### Machine Drawing

