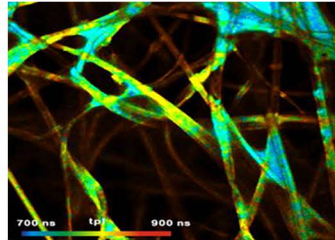


1 μ m Ultrafast Fiber Laser - Rainbow 1064 OEM

Rainbow 1064 OEM is a miniaturized version of Rainbow 1064 Pro. The laser is highly compact and is specially developed for easy integration with multi-purpose spectroscopy/microscopy systems. Rainbow 1064 OEM has flexible parameters upon user requests. The laser operates at a wavelength of 1064 nm, and has pulse width of <15ps , repetition rate of 50MHz and an average output power >200mW. The laser can couple with our high-performance frequency-doubling module for 532nm (Green) output.



Key Features :

- Customizable wavelength
- Picosecond level
- Linearly polarization
- Diffraction limited beam

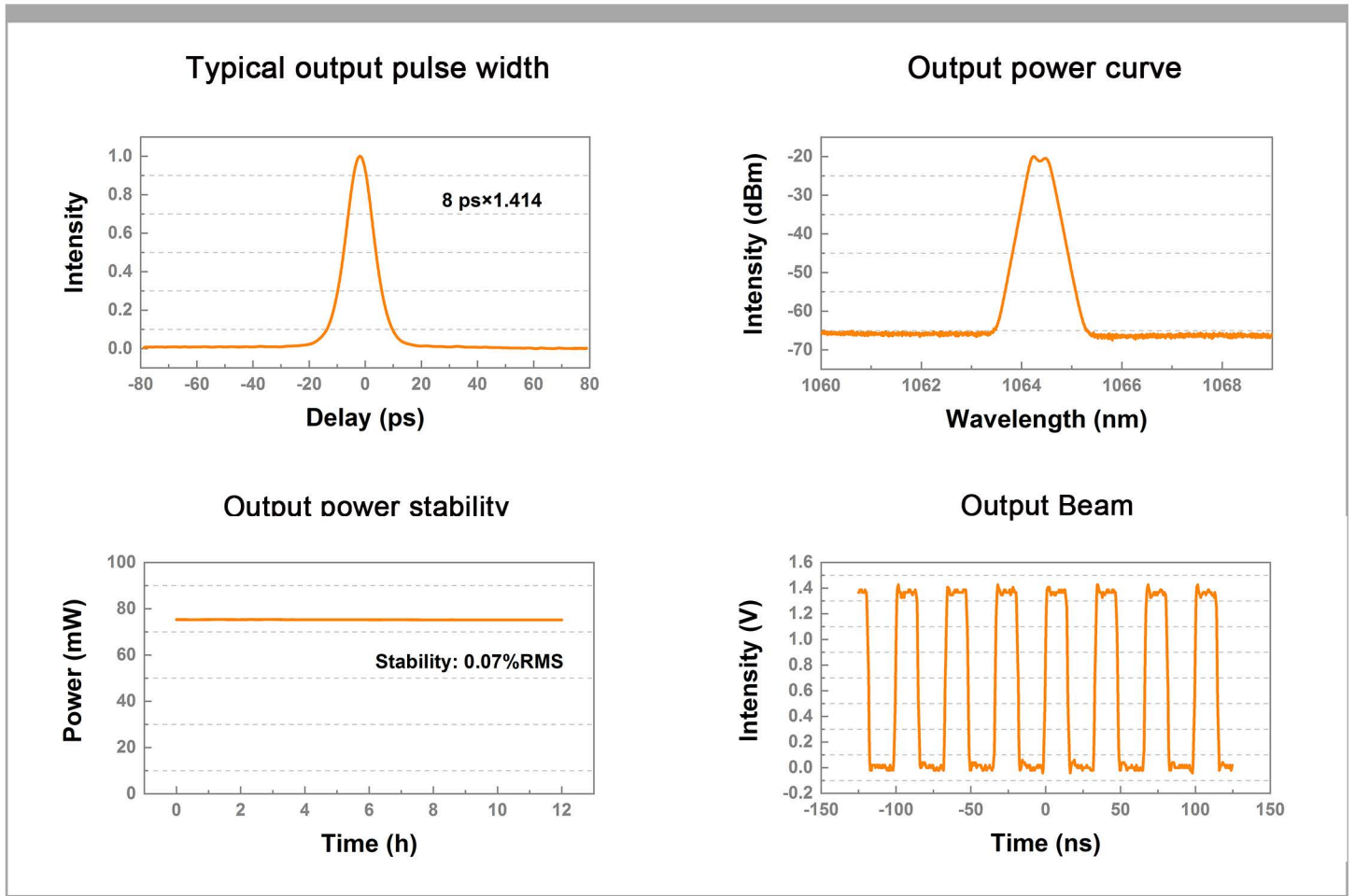
Applications :

- Pump-probe
- Laser ranging
- Time-resolved fluorescence
- Supercontinuum generation

» Main Specification:

Laser Parameters		
Operating Wavelength	nm	1064
Spectral Width	nm	<3
Pulse Width (FWHM)	ps	<15
Repetition Rate	MHz	50
Average Power	mW	>200
Average Power Stability	% RMS	<0.5 (12h@25°C)
Polarization Extinction Ratio	dB	>20
Output Mode	SM PM Fiber,FC/APC narrow key pigtail	
Electrical, Environmental and Mechanical Parameters		
Supply Voltage	DC	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	kg	1.2
Dimensions	mm(L×W×H)	185×127×50
Cooling	Air-cooled	

Test Data :



Machine Drawing

