

1.5 μm Narrow-Spectrum Femtosecond Laser

ULTRAFAST PULSED LASERS

1.5 μm Low Phase Noise Femtosecond Laser Femtosecond laser -->

- Customizable Wavelength Ultrashort Pulse
- Duration High Repetition Rate
- Atomic and Molecular Photophysics
- Precision Measurement Ultrafast Imaging
- Quantum Information Technology Photonic
- Microwave Generation



Specifications

Parameter	Specification
Customizable Wavelength Range	1530-1590 nm
Pulse Width	Compressible to <1ps
Pulse Energy	0.02-1nJ
Average Power	2-50mW
Spectral Width	2-20 nm
Repetition Frequency	50-250 MHz
Timing Jitter (Free-running)	<10fs[1kHz-10MHz@10G]
Operating mode	Pulsed
Operating temperature (without condensation)	15-35 °C
Power supply	100V-240V, AC, 50/60Hz
Communication	RS422
Chassis dimension	482mm*400mm*60mm (Repetition Frequency \leq 120MHz) / 483mm*526mm*130mm (Repetition Frequency >120MHz)

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.