

1.5 μm Low Phase Noise Femtosecond Laser

ULTRAFAST PULSED LASERS

1.5 μm Narrow-Spectrum Femtosecond Laser Femtosecond laser -->

- Broad Spectrum High Power
- Linear Polarization Customizable Wavelength
- High Power Stability
- Atomic and Molecular Photophysics
- Precision Measurement Ultrafast Imaging



Specifications

Parameter	Specification
Customizable Wavelength Range	1530-1590 nm
Pulse Width	Compressible to <100 fs
Pulse Energy	0.5-1 nJ
Average Power	6-200 mW
Maximum peak power	>20 kW
Spectral Width	>15 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	483mmx526mmx130mm

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