

1800-2130nm Broadband tunable femtosecond laser

ULTRAFAST PULSED LASERS



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

- Narrow Pulse Width Broad
- Spectrum Linear Polarization Wavelength
- Tunable High Power Stability
- Atomic and Molecular Photonics
- Precision Measurement Ultrafast Imaging
- Nonlinear Optics
- Frontier Sciences Biomedicine High
- Manufacturing

Specifications

Parameter	Specification
Model Number	FL-FS-XXXX-YY
Optional Central Wavelength Range	1800-2130 nm
Pulse Width	<500 fs (Customizable picosecond-level pulse width)
Pulse Energy	0.6-1.2 nJ
Average Power	>20mW
Peak Power	>800W
Spectral Width	15-25 nm
Repetition Rate	50-150 MHz (Optional Frequency Reduction Module)
Polarization	Linear Polarization, >100:1
Power Stability	<0.5% @ 12hours, RMS
Beam Quality	$M^2 < 1.1$
Operating Mode	FC/APC output
Cooling	Air Cooling
Temperature(No condensation conditions)	15-35 °C
Power Supply	DC 12V
Communication	RS422
Chassis Dimensions	483mmx350mmx56 mm

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