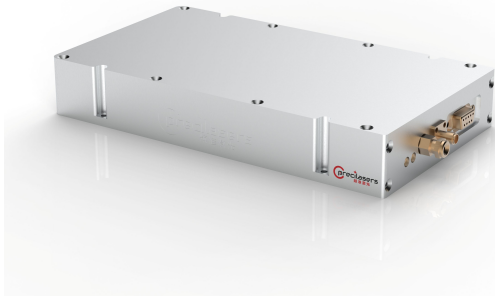


1530-1590nm Femtosecond laser

ULTRAFAST PULSED LASERS



1530-1590nm Femtosecond laser The Erbium-doped femtosecond seed laser is engineered for robustness and stability in demanding environments. Key Specifications Core Technology: Utilizes Nonlinear Amplifying Loop Mirror (NALM) technology. Stability: Achieves long-term, high-stability pulsed output. Environmental Tolerance: Suitable for operation in both high and low-temperature environments.

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

Specifications

Parameter	Specification
Customizable Central Wavelength	1530-1590 nm
Pulse Width	Compressible to <100 fs
Pulse Energy	0.5-3 nJ
Average Power	6-200 mW
Maximum Peak Power	>20 kW
Spectral Width	>15 nm
Repetition Rate	50-140 MHz selectable
Operating Mode	Pulsed
Temperature(No condensation conditions)	15-35 °C
Power Supply	12V, DC / 100V-240V, AC, 50/60Hz
Communication	RS422
Chassis Dimensions	225mm×120mm×40mm(<10mW) / 483mm×367.5mm×50mm(>10mW)

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