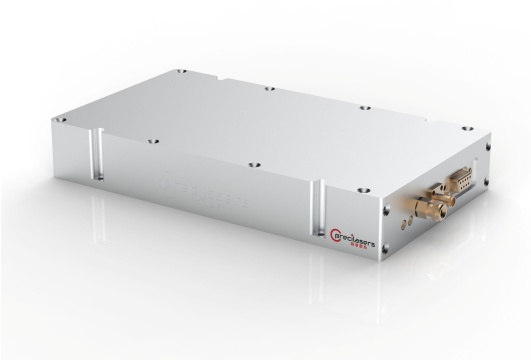
1530-1590 nm Erbium-doped picosecond seed laser

ULTRAFAST PULSED LASERS



1530-1590 nm Erbium-doped picosecond seed laser This system adopts Nonlinear Amplifying Loop Mirror (NALM) technology to achieve long-term, high-stability pulse output. Core Capabilities Environmental Resilience: Capable of reliable operation in both high and low-temperature environments. High-Power Output: Utilizes an advanced laser amplification scheme to realize long-term, high-power pulsed laser output.

- Broad Spectrum High Power
- Linear Polarization Wavelength
- Tunable High Power Stability
- Atomic and Molecular Optical
- Physics Precision Measurement Ultrafast
- Imaging Precision Processing

Specifications

Parameter	Specification
Model Number	FL-PS-15XX-YY-S
Customizable Wavelength Range	1530-1590 nm
Pulse Width	<10 ps
Pulse energy	0.5-3 nJ
Average Power	6-200 mW
Maximum peak power	>100W
Spectral Width	<1nm
Repetition Frequency	20-120 MHz (Optional frequency reduction module, adjustable down to 1 Hz)
Operation Mode	pulsed
Temperature(No condensation conditions)	15-35 °C
Power Supply	12V, DC
Communication	RS422
Chassis Dimensions	225mm×120mm×40mm / 220mm×142mm×45mm(With AOM)

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