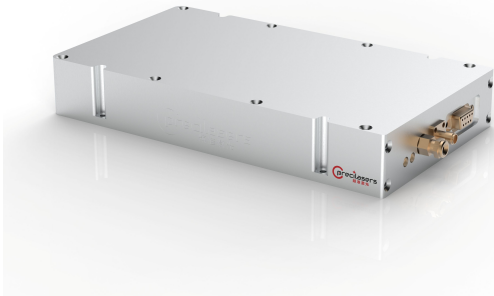


1560-1590nm Femtosecond laser

ULTRAFAST PULSED LASERS



1560-1590nm Femtosecond laser Precilasers offers ultra stable femtosecond fiber laser with narrow pulse width / large spectral width / high repetition rate and high coherent laser pulse output. It also has features of stable / long life and excellent beam quality (single mode output), can meet the strict requirement of optical frequency comb and other cutting edge applications.

- Narrow Pulse Width
- Large Spectral Width Robust
- Good Beam Quality Linear
- Polarization High Power Stability
- Quantum Information Ultr Fast
- Imaging Precision Measurement Optical
- Frequency Comb

Specifications

Parameter	FL-FS-1560-S
Center Wavelength	1560±20nm
Spectral Width	20nm-80nm / 20nm-80nm / 20nm
Operational Mode	pulse
Pulse Width	<100fs / <100fs / <200fs
Pulse Energy	>0.05nJ / >0.5nJ / >3nJ
Average Power	>6mW / 60mW-200mW / 3W-5W
Max. Peak Power	>500W / >5kW / >150kW
Repetition Rate	40MHz-140MHz
Polarization	linear, > 20dB
Power Stability	<1% @3hours, RMS
Beam Quality	TEM00, M ² <1.1
Output Mode	Fiber Jumper / Fiber Jumper / Collimated output
Cooling	Air cooling
Cold Start	<2 hours
Warm Start	<30 minutes
Laser Size	≤225mm x 120mm x 40mm / ≤483mm x 420mm x 133mm
Laser Weight	≤2kg / ≤2kg / ≤20kg
Operating Temperature (No condensing)	15-30 °C (Air cooling)
Power Supply	12VDC/5A / 12VDC/5A / 100V-240V, AC, 50/60Hz
Power Consumption	<240W
Communication	RS422

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