

561nm Narrow linewidth laser

NARROW-LINEWIDTH CW LASERS



561nm Narrow linewidth laser Based on high-power, low-noise Yb-doped fiber lasers amplifier and frequency doubling technology, Precilasers can provide high-power, narrow linewidth laser output from 556 to 567 nm.

- Narrow Linewidth Low
- High Power Power Stability
- Excellent Beam Quality
- Never Mode
- High Temperature And Vibration
- Resistance
- Laser cooling
- Optical Lattice Pump laser

Specifications

Parameter	FL-SF-XXXX-YY-CW (1)
Wavelength Range	556-567nm
Typical Wavelength	556nm / 567nm
Operation Mode	CW
Output Power	>0.5W / >1W
Tuning Range (Temperature)	>0.35nm, Continuous, Mode-Hop-Free Operation
Output Mode	Spatially Collimated Output, 0.7-1.0 mm Beam Diameter
Linewidth (2) (100 us integration)	<20kHz
PER	>20dB
Power Stability	<0.75%@3hours, RMS
Beam Quality	M2<1.1
Fast Tuning Range	>3GHz
Fast Tuning Bandwidth	>5kHz
Relative Intensity Noise (10Hz-100MHz, RMS)	<0.08%
Cooling	Air cooling / Water cooling

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