

# 707nm Narrow Linewidth Laser

## NARROW-LINEWIDTH CW LASERS



707nm Narrow Linewidth Laser Based on narrow-linewidth fiber DFB lasers, low-noise fiber amplifiers, and high-efficiency sum frequency generation modules, Precilasers can provide a high-power, narrow-linewidth 707nm laser, which is widely used in fields such as quantum simulation of lithium atoms.

- Narrow Linewidth Tunable Linearly
- Polarized Long Life

### Specifications

Parameter	FL-SF-XXXX-YY-CW (1)
Typical Wavelength	707nm
Operation Mode	CW
Output Power	>0.2W / >1W / >2W / >5W / >8W
Thermal Tuning Range	>0.3nm, Never Mode-hop
Output Mode	Single-Mode Polarization-Maintaining Fiber
Linewidth (2) (100us)	<10kHz / <20kHz
PER	>20dB
Power Stability	<0.75%@3hours, RMS
Beam Quality	M <sub>2</sub> <1.1
PZT Frequency Tuning Range	>3GHz
PZT Frequency Tuning Bandwidth	>5kHz
Cooling	Air Cooling / Water Cooling
Temperature	15-25 °C
Power Supply	100V-240V, AC, 50/60Hz

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