

480nm Narrow linewidth laser

NARROW-LINEWIDTH CW LASERS



480nm Narrow linewidth laser Based on single frequency seed laser, fiber laser amplification and high efficiency quadruple frequency conversion technology, Precilasers can provide narrow linewidth lasers of 480nm with high frequency stability, long lifetime and excellent beam quality.

- Narrow Linewidth High Power
- Excellent Beam Quality High
- Power Stability Never Mode
- Precision Measurement Quantum Computing
- Interference Exposure

Specifications

Parameter	FL-SF-480-xx (1) -CW
Center Wavelength	480.00nm
Operation Mode	Continuous
Output Power	>0.05W / >0.4W / >2W / >5W
Linewidth (2) (100 us integration)	<40kHz
Long Term Power Stability	<0.75% @3hrs, RMS
Tuning Range	>0.25nm, Continuous without mode hop
PZT Tuning Range	>12GHz
PZT Tuning Bandwidth	>5kHz
Output Mode	Spatial collimation output, diameter0.6-1mm
Beam Quality	TEM00, M ² <1.3
Polarization Extinction Ratio	>20dB, Linear
Cooling	Air Cooling / Water Cooling
Weight	<50kg
Temperature	15-30°C
Power Consumption	<300W
Power Supply	100V-220V, AC, 50Hz

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