

480nm Widely tunable laser

NARROW-LINEWIDTH CW LASERS



480nm Widely tunable laser Based on widely tunable seed lasers, fiber laser amplification and high-efficiency frequency conversion technology, Precilasers can provide widely tunable 480nm narrow linewidth lasers with high frequency stability, long lifetime and excellent beam quality.

- High Power Narrow Linewidth
- Excellent Beam Quality High
- Power Stability Never Mode

Specifications

Parameter	FL-SF-480-xx (1) -CW
Center Wavelength	480nm
Operation Mode	Continuous
Output Power	>0.8W
Linewidth (2) (100 us integration)	<150kHz
Long Term Power Stability	<0.75% @3hrs, RMS
Tuning Range	>5nm
PZT Tuning Range	>3GHz
PZT Tuning Bandwidth	>5kHz
Current Tuning Range	>1GHz
Current Tuning Bandwidth	>1MHz
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
Temperature	15-30°C
Power Consumption	<350W
Power Supply	100V-240V, AC, 50Hz

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