

# 399nm Narrow linewidth laser

## NARROW-LINEWIDTH CW LASERS



399nm Narrow linewidth laser Based on high-power, low-noise Er-doped fiber lasers amplifier and frequency quadrupling technology, Precilasers can provide high-power, narrow linewidth laser output from 385 to 399 nm.

- Narrow Linewidth Low
- High Power Power Stability
- Excellent Beam Quality
- Never Mode
- High Temperature And Vibration
- Resistance
- Lithium Ion
- Calcium Ion

### Specifications

Parameter	FL-SF-XXXX-YY-CW (1)
Wavelength Range	385-399nm
Typical Wavelength	390nm, 399nm
Output Mode	CW
Output Power	>0.04W
Seed Laser Type	FECL / Fiber DFB
Tuning Range (Temperature)	>30GHz, Never Mode-hop / >0.25nm, Never Mode-hop
Output Mode	Free Space Collimated Output, Diameter 0.7-1.0mm
Linewidth (2) (100us)	<40kHz / <10kHz
PER	>20dB
Power Stability	<0.75%@3hours, RMS
Beam Quality	M2<1.1
Fast Frequency Tuning Range	>1GHz / >3GHz
Fast Frequency Tuning Bandwidth	>1MHz / >5kHz
RIN (10Hz-100MHz, RMS)	<0.2%
Cooling	Air Cooling/Water Cooling
Power Supply	100-240V , 50/60Hz

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