

369nm Narrow linewidth laser

NARROW-LINEWIDTH CW LASERS



369nm 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 with a wavelength ranging from 355 to 373 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	355-373nm
Typical Wavelength	369nm
Operation Mode	CW
Output Power	>20mW / >30mW
Thermal Tuning Range	>0.23nm, Never Mode-hop
Output Mode	Free Space Output
Beam Diameter	0.7-1.0mm
Linewidth (2) (100us)	<30kHz
PER	>20dB
Power Stability	<0.75%@3hours, RMS
Beam Quality	M ₂ <1.1
Fast Frequency Tuning Range	>3GHz
Fast Frequency Tuning Bandwidth	>5kHz
AOM Tuning Range (Optional)	>±5MHz
AOM Tuning Bandwidth (Optional)	>500kHz
RIN	<0.08% (RMS,10Hz-100MHz)
Cooling	Air Cooling/Water Cooling
Temperature	15-30 °C (Air Cooling) or 15-35 °C (Water Cooling)
Power Supply	100V-240V, AC, 50/60Hz
Communication	RS422

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