

205-220nm Laser

NARROW-LINEWIDTH CW LASERS



205-220nm Laser Based on high-power, low-noise fiber lasers amplification and frequency quadrupling technology, Precilasers can provide high-power, narrow linewidth laser output with a wavelength ranging from 205 to 220 nm.

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

Specifications

Parameter	FL-SF-XXXX-YY-CW (1)
Wavelength Range	205-220nm
Typical Wavelength	220nm
Operation Mode	CW
Output Power	>5mW / >10mW / >100mW
Thermal Tuning Range	>300GHz, Never Mode-hop
Output Mode	Free Space Output
Beam Diameter	0.7-1.0mm
Linewidth (2) (100us)	<80kHz
PER	>20dB
Power Stability	<0.75%
Beam Quality	M ₂ <1.3
PZT Frequency Tuning Range	>3GHz
PZT Frequency Tuning Bandwidth	>5kHz
Fast Frequency Tuning Range	>250MHz
Fast Frequency Tuning Bandwidth	>1MHz
AOM Tuning Range (Optional)	>±5MHz
AOM Tuning Bandwidth (Optional)	>500kHz
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.