

257nm Narrow linewidth laser

NARROW-LINEWIDTH CW LASERS

257nm Narrow linewidth laser Based on ytterbium-doped fiber DFB seed lasers and ytterbium-doped fiber amplifiers, Precilasers can provide high-performance 257nm laser output.

Specifications

Parameter	FL-SF-X-Y-CW
Wavelength	257nm
Linewidth (100 us integration)	<40kHz
Operation Mode	CW
Output Power	>30mW / >100mW / >500mW / > 1W
Output Mode	Collimated Output
PZT Frequency Tuning Bandwidth	>5kHz
PZT Frequency Tuning Range	>3GHz
AOM Tuning Bandwidth (Optional)	>500kHz
AOM Tuning Range (Optional)	>±5MHz
Beam Diameter	0.8±0.2 mm
Beam Quality	TEM00, M ² <1.2
PER	linear, >20dB
Power Stability	<0.75% @3hours, RMS
Cooling	Air Cooling/Water Cooling
Cable Length between Controller and Head	>1.5m
Temperature	15-30 °C / 15-35 °C
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.