# 305-383nm Laser

## NARROW-LINEWIDTH CW LASERS

305-383nm Laser Based on high-power, low-noise fiber amplification, as well as sum frequency and frequency doubling technologies, it enables high-power, narrow-linewidth laser output at any central wavelength within the range of 305-383 nm.

- Narrow Linewidth
- Low Intensity Noise High
- Power Active Power Stability
- Excellent Beam Quality
- Never Mode
- Resistant to high
- Interference Exposure Wafer Metrology
- Precision Measurement

## Specifications

| Parameter | FL-SF-XXXX-YY-CW (1) |
|---|---|
| Wavelength Optional Range | 305-383nm |
| Frequently Used Wavelengths | 355nm |
| Operating Mode | CW |
| Output Power | >0.3W / >1W / >2W / >4W |
| Monitor Optical Output Power | >3mW |
| Tuning Range (Temperature) | >0.12nm, Continuous without mode jumping |
| Output Mode | Spatial collimation output, diameter 0.7-1.0mm |
| Linewidth (2) (100 us integration) | <40kHz |
| Polarization Extinction Ratio | >20dB |
| Power Stability (3 Hours RMS) | <0.75% |
| Beam Quality | M2<1.3 |
| PZT Tuning Range | >3GHz |
| PZT Tuning Bandwidth | >5kHz |
| Current Tuning Range | >1GHz |
| Current Tuning Bandwidth | >1MHz |
| Cooling | Air Cooling/Water cooling |
| Power Supply | 100V-240V, 50/60Hz |

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