266nm Solid-state picosecond laser

ULTRAFAST PULSED LASERS

266nm Solid-state picosecond laser The solid-state laser-based solution achieves high repetition rate, high-power 266nm laser output, which is suitable for applications such as precision detection.

- Narrow Pulse Width High
- Power Excellent Beam Quality
- High Power Stability
- Atomic and Molecular Photophysics
- Quantum Computing Semiconductor Inspection

Specifications

Parameter	PL-PS-266-xx (1)
Center Wavelength	266nm (2)
Operation Mode	pulse
Average Power	>1W / >3W / >5W
Repetition Rate	70MHz-100MHz (3)
Repetition Rate Lock Option	<1mHz@24h
Pulse Width (3)	<50ps @1064nm / <20ps @1064nm
Spectral Width (4)	<60pm @1064nm / <100pm @1064nm
Beam Waist Diameter	1.3-1.7mm
Beam Divergence (Full Angle)	<0.3mrad
Pointing Stability	<20urad/K
Power Stability	<0.75% @3hrs, RMS
Beam Quality	TEM00, M^2<1.2
Cooling	Water Cooling
Temperature	15-35°C(No condensation conditions)
Power Supply	100V-240V, AC, 50/60Hz

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