

Raman Lasers

Detailed Specification

Output Wavelength	658nm±1nm		780nm±1nm		785nm±1nm		830nm±1nm	
Output Power	50mW	100mW	350mW	500mW	350mW	500mW	350mW	500mW
Spectral Line Width	0.1							
Spectrum Stability	0.1nm							
Operating Mode	CW							
Beam Divergence, Full Angle	5.0 ± 0.1mrad							
Beam Diameter (1/e ²) @ Exit	1x5mm							
Power Stability	3% (rms, over 4 hours, T= 25°C)							
Polarization, Linear	100:1							
Modulation	Analog (10KHz) or TTL modulation (10KHz, 30KHz optional)							

Reliability

Warm Up Time	<10minutes
Operating Temperature, Case	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Expected Operation Lifetime	10000 hours
Warranty	12 months

Note: The Laser could be operated without extra heat sink. Do not restrict air circulation around the device. Also do not place the laser in a thermal insulating material, such as foam plastic. A metal heat is always recommended and it can be used to maximize the performance and life time of the laser. Heat can have an adverse effect on laser diodes, including decreased output power.

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Leading-Tech Laser has been the professional manufacturers and original suppliers of DPSS Lasers with top quality, unbeatable prices, prompt delivery and the best technical support and services for the customers all over the world.