

High Speed Modulated Lasers

Detailed Specification

Output Wavelength	400~1200nm
Output Power	10~60mW
Beam Mode	TEM ₀₀ or TE ₀₀
Operating Mode	CW
Power Stability	3% (rms, over 4 hours, T= 25°C)
Laser Line Width	OEM
Modulation	Analog modulation: 1MHz,

Application

Medical application
High-resolution printing
Auto motive industry
Textile or leather
Radar system

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.