

OEM-N-532/1500-5000mW

LD PUMPED ALL-SOLID-STATE GREEN LASER MODULE CORE

All solid state 532nm green laser module core is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be integrated into customer's equipment.



SPECIFICATIONS

Wavelength (nm)	532±1	
Output power (mW)	>1500, 1600, 1700, ..., 2500	>2500, 3000, 3500, ..., 5000
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<15	
M ² factor	<2.0	<3.0
Beam divergence, full angle (mrad)	<17	
Beam diameter at the aperture (mm)	~1.5	
Beam height from base plate (mm)	25.4 without TEC, 27.4 with TEC	
Operating temperature (°C)	22.5±2.5	
Operating current of Diode (A)	0-10	
Operating voltage of Diode (V)	~2.0	
Pins information	5,6,7,8: positive of diode; 12,13,14,15: negative of diode	
Power supply (two channels 6 & 12V)	PSU-OEM-N (key switch and emergency stop are available on request)	
Expected lifetime (hours)	5000	
Warranty time	The warranty is 3 months, excluding the LD failure.	
Dimension(mm)	150(L)×60(W) ×44(H) without TEC, 172(L)×70(W) ×50(H) with TEC	



OEM-N-532	Dimension (Without TEC)	Dimension (With TEC)	Accessories
	<p>150(L)×60(W) ×44(H) without TEC</p>	<p>172(L)×70(W) ×50(H) with TEC</p>	<p>Collimation system</p>
PSU-OEM-N	Dimension	Power Supply Instruction	
		<p>V1: DC 6V 12A V2: DC 12V 8A</p>	