



## OEM GREEN LASER MODULES

OEM-GLM-xx

### APPLICATIONS

- Film subtitling
- Alignment
- Metrology
- Holography
- Medical diagnostics
- Entertainment displays



### DESCRIPTION

OEM Green Laser Module utilizing an 808nm laser diode pumping a Vanadate crystal that is frequency doubled to 532nm using a non-linear crystal. The modules are designed to be easy to use, reliable and stable and are built into a compact unit.

Applications include spectroscopy, film subtitling, interferometry, alignment, metrology, medical diagnostics, semiconductor wafer inspection, entertainment display and signal transmission.

We are also able to supply custom designed modules for OEM customers.

### SPECIFICATIONS

Model	GLM-01	GLM-05	GLM-10	GLM-20	GLM-30
Output power	1mW	5mW	10mW	20mW	30mW
Wavelength	532nm				
Output mode	CW				
Power stability	<±10%				
Output Noise (at 100Hz)	<5%				
Beam divergence	<1.2 mrad				
Input Voltage	5V±0.5VDC				
Operating current	<600 mA				
Warm up time	5 minutes				
Operating temperature	15 °C~35 °C				
Module size	Round unit 19mm x 73.5mm Square unit 50(L) x 21mm(Dia) x 21mm (L)				
Expected life time	>3000hrs				

