



OEM-I-532 /1-5000mW



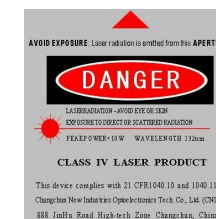
LD PUMPED ALL-SOLID-STATE GREEN LASER MODULE CORE

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



SPECIFICATIONS

Model	OEM-I-532	I-532-HS
Wavelength (nm)	532±1	
Operating mode	CW	
Output power (mW) <sup>1</sup>	1-5000	
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, (<1% optional)	
Transverse mode	Near TEM <sub>00</sub>	
Beam divergence, full angle (mrad)	~1.0	
Beam diameter at the aperture (mm)	~3.0	
Warm-up time (minutes)	<10	
Pointing Stability(urad) (over 2 hours after warm-up and ±3°C)	<50	
Pointing Stability Over Temperature (urad/°C)	<20	
Polarization ratio	>50:1(100:1 optional), Horizontal(Vertical optional)	
Beam height from base plate (mm)	25 (OEM-I-532)	92 (I-532-HS)
Power supply (12VDC)	PSU-OEM-I	PSU-I-HS
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	



OEM-I-532		I-532-HS		POWER SUPPLY (100-240VAC) optional
LASER HEAD	DRIVER (PSU-OEM-I)	Laser head	DRIVER (PSU-I-HS)	
<p>128 (L) × 80 (W) × 40 (H) mm<sup>3</sup>, 0.7 kg</p>	<p>118(L) × 94 (W) × 23.9 (H) mm<sup>3</sup></p>	<p>140 (L) × 110 (W) × 107 (H) mm<sup>3</sup>, 2.7 kg</p>	<p>142 (L) × 104 (W) × 50 (H) mm<sup>3</sup>, 0.8 kg</p>	<p>199 (L) × 99 (W) × 50 (H) mm<sup>3</sup>, 0.9 kg</p>

<sup>1</sup> Any power level can be selected in this range.