



OEM-SD-520/2W

SPECIFICATIONS

GREEN DIODE LASER  
At 520nm

OEM diode green laser at 520nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



Wavelength (nm)	520±5	
Operating mode	CW	
Output power (W)	2	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Beam divergence, full angle (mrad)	<1.2×0.4	
Beam diameter at the aperture (mm)	2.6×2.5 (1/e <sup>2</sup> )	
Polarization direction	Horizontal+ Vertical	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	28.5 (OEM-SD-520)	68.2 (SD-520-HS)
Operating temperature (°C)	25+/-3 (OEM-SD-520)	10~35 (SD-520-HS)
Power supply (100-240VAC or 12V&7A)	PSU-D-OEM	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-100KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-SD-520	SD-520-HS	PSU-D-OEM	Adapter
<p>107(L)×77(W) ×51(H) mm<sup>3</sup>, 2kg</p>	<p>131.2(L)×99(W) ×91(H) mm<sup>3</sup>, 3.6kg</p>	<p>140(L)×86(W) ×53(H) mm<sup>3</sup>, 0.6kg</p>	<p>132(L)×54(W) ×31.2(H) mm<sup>3</sup>, 0.2kg</p>