



OEM-XD-520/5000-10000mW

SPECIFICATIONS

OEM BLUE DIODE LASER
AT 520NM

OEM diode laser 520 nm green laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



Wavelength (nm)	520±5	
Operating mode	CW	
Output power (mW)	>5000, >6000, >7000	>8000, >9000, >10000
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%	
Beam divergence, half angle (mrad)	<1.5	1.5
Beam diameter at the aperture (mm)	~5×5	7.5×5
Polarization direction	Horizontal+ Vertical	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	35(OEM-XD-520)	89(XD-520-HS)
Operating temperature (°C)	25+/-3 (OEM-XD-520)	10-35 (XD-520-HS)
Power supply(100-240VAC or 24VDC)	PSU-OEM	
Expected lifetime (hours)	10000	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-XD-520	XD-520-HS	PSU-OEM	Adapter (5-7W)	Adapter(8-10W)
<p>200(L)×150(W)×61(H) mm³, 5kg</p>	<p>226(L)×150(W)×115(H) mm³, 6.6kg</p>	<p>233(L)×126(W)×70.5(H) mm³, 1kg</p>	<p>193(L)×98(W)×50(H) mm³, 5kg</p>	<p>200(L)×150(W)×61(H) mm³, 0.5kg</p>