

OEM-F-532/1-3000mW

LD PUMPED ALL-SOLID-STATE OEM GREEN LASER



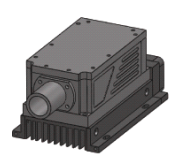


All solid state 532 nm OEM green laser is made features of high stability, ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

Wavelength (nm)	532±1			
Output power (mW)	>1, 5, 10, ..., 450	500, 550, ..., 1400	1500, ..., 2000	2100, ..., 3000
Transverse mode	TEM ₀₀	Near TEM ₀₀		
Operating mode	CW			
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%		<3%, <5%, 10%	
Warm-up time (minutes)	<5			
M ² factor	<1.2	<1.2	<3.0	<3.0
Beam divergence, full angle (mrad)	<1.2			
Beam diameter at the aperture (mm)	3-4			
Beam height from base plate (mm)	25 (OEM-F)		45 (F-532-HS)	
Operating temperature (°C)	25+/-2 (OEM-F)		10-35 (F-532-HS)	
Operating current of Diode (A)	0-2.5	0-5.5	0-5.5	0-8
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	PSU-OEM-F (OEM-F)		PSU-F-HS (F-532-HS)	
TTL modulation/ Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			
Expected lifetime (hours)	5000			
Warranty time	1 Year			



OEM-F-532	PSU-OEM-F	F-532-HS	PSU-F-HS	Adapter
 141(L)×58(W)×45(H) mm³, 0.74kg	 100(L)×76(W)×27(H) mm³, 0.10 kg	 163(L)×77(W)×65(H) mm³	 110(L)×85(W)×63(H) mm³, 0.4 kg	 112(L)×86.5(W)×34(H) mm³, 0.2kg
