

OEM-SD-447/3000-4000mW

OEM BLUE DIODE LASER AT 447NM







OEM diode laser 447 nm blue laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

Model	OEM-SD-447			
Wavelength (nm)	447±5			
Output power (mW)	>3000, >4000			
Operating mode	CW			
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%			
Warm-up time (minutes)	<5			
Beam divergence, half angle (mrad)	0.7×0.1			
Polarization direction	Horizontal/ Vertical		Horizontal+ Vertical	
Beam diameter at the aperture (mm)	~4.7×2.7 (1/e ²)	~3.7×1.7(FWHM)	~2.7×2.7 (1/e ²)	~1.7×1.7(FWHM)
Beam height from base plate (mm)	28.5(OEM-SD-447)		68.2(SD-447-HS)	
Operating temperature (°C)	25+/-3(OEM-SD-447)		10-35 (SD-447-HS)	
Expected lifetime (hours)	10000			
Power supply(100-240VAC or 12VDC&7A)	PSU-H-LED/PSU-H-FDA/PSU-D-OEM			
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off			
Warranty time	1 year			



OEM-SD-447	SD-447-HS	PSU-H-LED	PSU-H-FDA	PSU-D-OEM	Adapter
					
107(L)×77(W)×49(H) mm ³ , 0.8kg	134(L)×99(W)×88.7(H) mm ³ , 1.6kg	277(L)×145(W)×106(H) mm ³ , 2.3 kg	275 (L)×145(W)×104(H) mm ³ , 2.1 kg	140(L)×86(W)×53(H) mm ³ , 0.40 kg	132(L)×54(W)×31.2(H) mm ³
