

OEM-SD-465/1-2500mW

SPECIFICATIONS







OEM BLUE DIODE LASER AT 465NM

Diode laser module at 465 nm 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)	465±3		
Output power (mW)	>100,200,...,2500		
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-465)		68.2(SD-465-HS)
Operating temperature (°C)	25+/-3(OEM-SD-465)		10-35 (SD-465-HS)
Expected lifetime (hours)	10000		
Power supply	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	The warranty is 3 months, excluding the LD failure.		



Note: Heat sink is needed for this blue diode laser module, it is available up on request.

OEM-SD-465	SD-465-HS	PSU-H-LED	PSU-H-FDA	PSU-D-OEM	Adapter
 107(L)×77(W) ×49(H) mm³, 0.8kg	 134(L)×99(W) ×88.7 (H) mm³, 1.6kg	 277(L) ×145(W) ×106 (H) mm³, 2.2 kg	 275 (L) ×145(W) ×104(H) mm³, 2.0 kg	 140(L)×90(W) ×60(H) mm³, 0.40 kg	 132(L)×54(W) ×31.2(H) mm³ 100-240VAC Adapter
