

OEM-HD-447/8000-16000mW

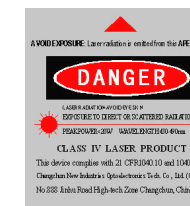
SPECIFICATIONS





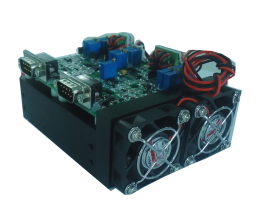

OEM BLUE DIODE LASER AT 447NM

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.



Model	OEM-HD-447	
Wavelength (nm)	447±5	
Output power (mW)	>8000, >10000, >12000, >16000	
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)	~2.2×0.2	
Beam diameter at the aperture (mm)	~5×7	
Polarization direction	Horizontal+ Vertical	
Beam height from base plate (mm)	35(OEM-HD-447)	89(HD-447-HS)
Operating temperature (°C)	25+/-3 (OEM-HD-447)	10-35 (HD-447-HS)
Power supply	PSU-N-LED/ PSU-N-FDA / PSU-HD-OEM-H	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-HD-447	HD-447-HS	PSU-N-LED	PSU-N-FDA	PSU-HD-OEM-H	Adapter
					
172(L)×114(W)×60(H) mm ³ , 2.8kg	226(L)×150 (W)×115(H) mm ³ , 4.8kg	307(L)×150(W)×106 (H) mm ³ , 2.6 kg	307(L)×150(W)×106 (H) mm ³ , 2.3 kg	120(L)×88(W)×53(H) mm ³ , 0.60 kg	211.2(L)×99(W)×50(H) mm ³
