

OEM-F-447/1-3500mW

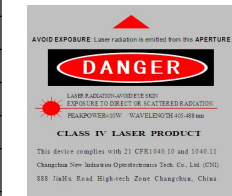
SPECIFICATIONS

OEM BLUE DIODE LASER AT 447NM

Diode laser module at 447 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.



Wavelength (nm)	447±5	
Operating mode	CW	
Output power (mW)	>100, 500, 1000, ...,2000	>2000, 2500, ...,3500
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%, <10%	
Transverse mode	Multimode	
M ² factor	<5	
Beam diameter at the aperture (1/e ² , mm)	~2.7×2.7	~3.5×3.5
Beam divergence, half angle (mrad)	0.7×0.1	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	25 (OEM-F-447) / 45(F-447-HS)	
Operating temperature (°C)	25+/-3 (OEM-F-447) / 10-35 (F-447-HS)	
Power supply	PSU-SD-OEM	
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty time	1 year	



OEM-F-447	F-447-HS	PSU-SD-OEM	Adapter
111 (L) × 58(W) × 45 (H) mm ³ , 0.7kg	138 (L) × 77(W) × 65 (H) mm ³ , 1kg	90.5 (L) × 47(W) × 56(H) mm ³ , 0.3kg	99 (L) × 82(W) × 35(H) mm ³ , 0.3kg