

OEM-F-447/1-2000mW

**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
Power stability (rms, over 4 hours) at 25℃	<1%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.7×2.7
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 (℃)	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	1 year



OEM-F-447	F-447-HS	PSU-SD-OEM	Adapter (6.5VDC)
111 (L) ×58(W) ×45 (H) mm <sup>3</sup> , 0.7kg	138 (L) ×77(W) ×65 (H) mm <sup>3</sup> , 1kg	90.5 (L) ×47(W) ×56(H) mm <sup>3</sup> , 0.3kg	99 (L) ×82(W) ×35(H) mm <sup>3</sup> , 0.3kg