

F-470-HS/1-2000mW



**BLUE DIODE LASER
AT 470nm**

Blue diode laser module at 470nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.



SPECIFICATIONS

Wavelength (nm)	470±5
Operating mode	CW
Output power (mW)	>1, 100, 200, ...,2000
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , mm)	~2.7×2.7
Beam divergence, full angle (mrad)	1.4×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	45
Operating temperature (°C)	10-35
Power supply (85-264VAC)	PSU-III-LED/ PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



F-470-HS	PSU-III-LED	PSU-III-FDA
<p>173 (L) ×77(W) ×65 (H) mm³, 1.0kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	<p>171(L) ×130(W) ×62.2 (H) mm³, 1.2kg</p>