

# High Power Laser

## Specifications

<b>Model Number</b>	<b>HP-Y577-2500-DB</b>
<b>Optical Specifications</b>	
Wavelength	577 nm
Center Wavelength Deviation	+/- 2 nm
Output Power	800 ~ 2500 mW
M <sup>2</sup>	~ 6.1
Longitudinal Mode	Multi
Transverse Mode	Near TEM00
Power Stability (over 4 hours) (rms)	< 10% (optional: < 3%, < 5%)
Operating Mode	CW
Polarization Ratio	> 20:1
Beam Diameter at the Aperture (1/e <sup>2</sup> )	~ 4.0 mm
Beam Divergence (Full Angle)	< 2.1 mrad
Warm-up time	< 12 minutes
Beam Height from Base Plate	93.5 mm
Working Temperature	10 to 35 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<b>Mechanical Specifications</b>	
Dimension of Laser Head	346 (L) x 140 (W) x 125(H) mm
Dimension of Power Supply	307 (L) x 168 (W) x 123 (H) mm
Dimensional Tolerances	+/- 1 mm