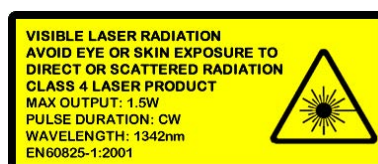


## I4 (1342nm) DIODE PUMPED SOLID STATE LASER



Model Name	I4-250-1342	I4-500-1342	I4-1000-1342
Wavelength	1342nm		
Output Power	250mW	500mW	1W
Spatial Mode	TEM <sub>00</sub> , M <sup>2</sup> < 1.2		
Longitudinal Mode	Single Longitudinal Mode	Multi-Mode	
Power Stability	< +/- 2 % over 8 hours		
Noise	< 0.5 % RMS (typ. 0.2%)		
Beam Diameter	Approx. 1mm at output aperture		
Beam Divergence	< 2.5mRad (collimation options available)		
Polarization	>100:1, Vertical		
Laser Head Size	126mm long x 62mm x 51mm		
Power supply	279mmx 205mm x 138mm		
Cooling	Head: Internal TECs, convection through base, 12 W. PSU: Internal fan air cooled		
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 60W		



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