

510nm Green Fiber Coupled High Power Laser



Specifications

Model Number	HP-G510-10000-LA
Optical Specifications	
Wavelength	510 nm
Center Wavelength Deviation	+/- 3 nm
Output Power	1000-10000 mW
Power Stability (over 4 hours) (rms)	< $\pm 5\%$
Operating mode	CW
Fiber Core Diameter (μm)	400, 600...
Fiber Numerical Aperture	0.22
Fiber Connector	SMA905/FC
Operating Voltage (DC,V)	12
Operating Current (A)	< 30
TTL or Analog modulation	1Hz-410kHz
Operating Temperature ($^{\circ}\text{C}$)	0 to 40 $^{\circ}$ C
Storage Temperature ($^{\circ}\text{C}$)	0 to 40 $^{\circ}$ C
Lifetime (MTTF)	10,000 hours
Laser Class	IV
Cooling Mode	Water
Warranty Time	1 year
Mechanical Specifications	
Dimension of Laser Head	225 (L) x 160 (W) x 66(H) mm
Dimension of Power Supply	/
Dimensional Tolerances	$\pm 10\text{mm}$

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