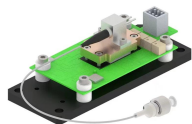


FC-OEM-488/1-150mW



VIOLET DIODE LASER
AT 488nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in medical imaging, flow cytometry, DNA sequencing, etc.

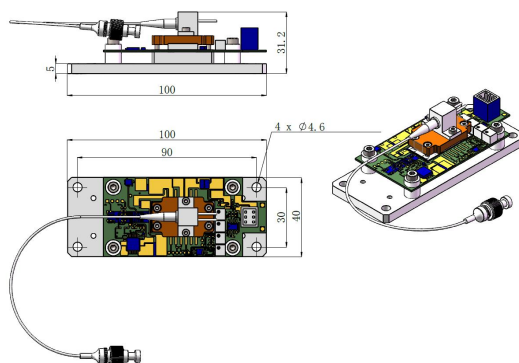


SPECIFICATIONS

Central wavelength (nm)	488±10			
Operating mode	CW			
Output power after fiber (mW) ¹	1-30	30-50	50-100	100-150
Power stability (rms, 4 hours ± 3°C)	<2%, <1%, <0.5%			
Fiber type	SM fiber, PM fiber optional			
Fiber Core diameter	4-9μm, 0.12NA			
Fiber connector	FC/PC, FC/APC optional			
Fiber length	0.8m			
Fiber jacket	0.9mm PVC			
Transverse mode	TEM ₀₀			
Ellipticity	>0.95			
M ² after fiber	~1.1			
Warm-up time (minutes)	<5			
Cooled method	Conduction			
Operating temperature (°C)	10-35			
Operating voltage (VDC)	5V			
Expected lifetime (hours)	>10000			

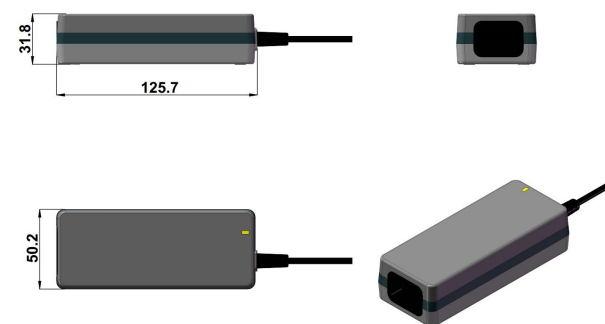


LASER HEAD (DRIVER Integrated)²



100 (L) × 40 (W) × 31.2 (H) mm³, 0.2kg

POWER SUPPLY (100-240VAC) optional



125.7 (L) × 50.2 (W) × 31.8 (H) mm³, 0.3kg

1 Any power level can be selected in this range.

2 Fixed output power; RS232 control optional;

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