

FC-OEM-1064-A/1-500mW



VIOLET DIODE LASER
AT 1064nm

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)	1064±10	1064±2	1064±2
Operating mode	CW		
Output power after fiber (mW) ¹	1-10	10-50	50-500
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;