FC-OEM-1590/1-15mW



VIOLET DIODE LASER AT 1590nm

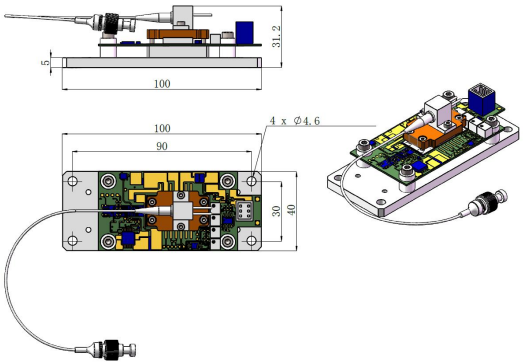
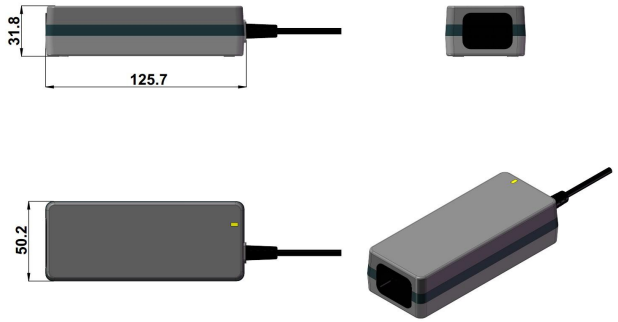
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in medical imaging, flow cytometry, DNA sequencing, etc.

SPECIFICATIONS

Central wavelength (nm)	1590±3
Operating mode	CW
Output power after fiber (mW)[1]	1-15
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]	POWER SUPPLY (100-240VAC) optional
	
100 (L) ×40 (W) ×31.2 (H) mm³, 0.2kg	**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;