

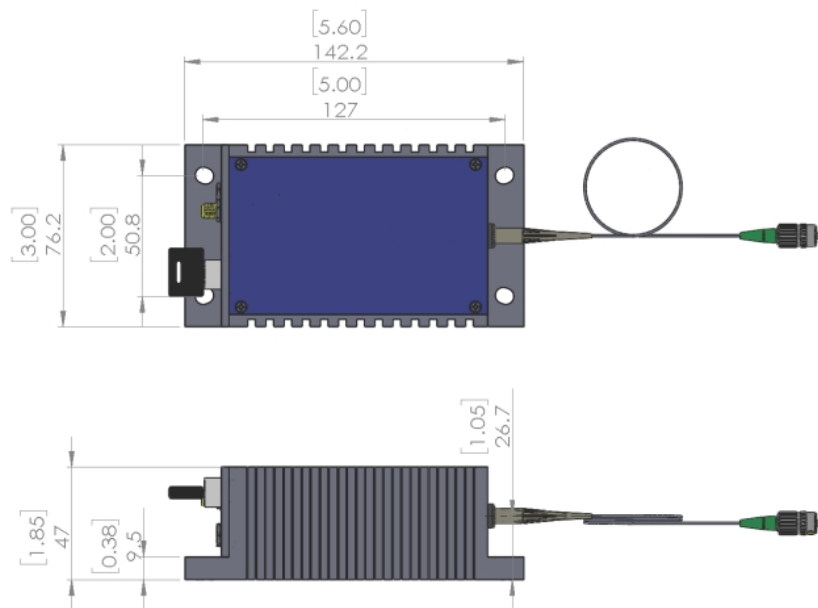
## Q-Lite 462nm, 1000mW fiber-pigttailed Diode Laser System

Product Features/Operating Range	
Part Number	Q-Lite- <b>462</b> - <b>1000</b> - <b>MM</b>
Fiber	<b>125 MMF</b>
Tubing	Clear Ø3mm PVDF
Connector	FC/APC
Operating Temperature	-10 to 40 °C
Storage Temperature	-10 to 80 °C
Laser Safety Class	3B
Power Supply	5.0±0.2V, 4A
RoHS	Compliant

Note: other types of connector and tubing available.

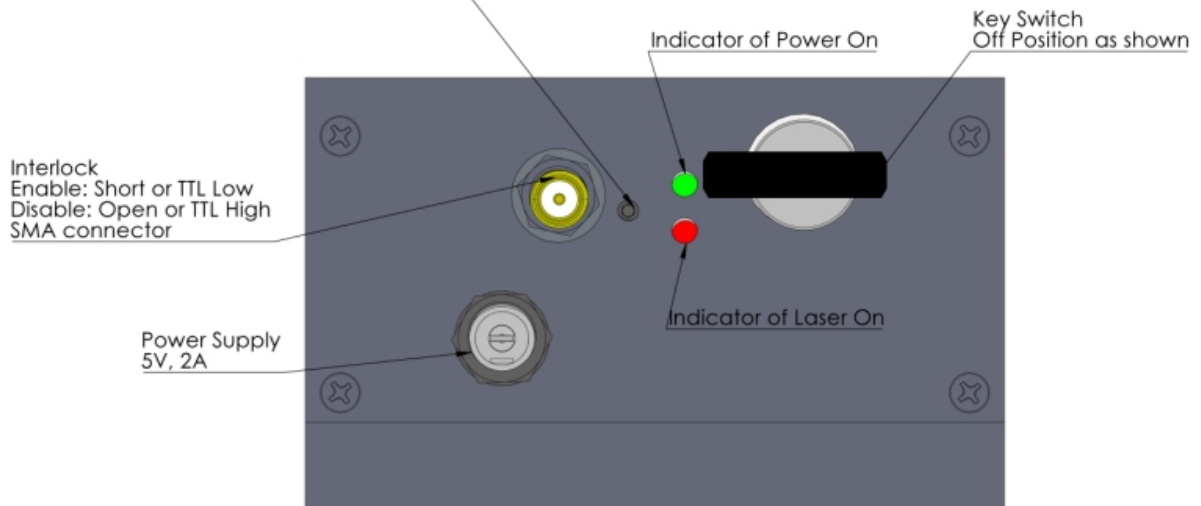
Parameter	Measured Value
Optical Output Power	<b>1000</b> mW
Operating Current (max)	<b>1450</b> mA
Wavelength	<b>462</b> ± 10nm
Power Stability ( 8 hours)	<1%
Power Stability ( 1 Minute)	<0.4%
Warm-up Time	<5 Minutes

### Drawing



## Work Instruction

Potentiometer for Optical Power Adjustment.  
The laser is factory adjusted to the specified power level.  
User adjustment is not recommended.  
Sealed by a 4-40 screw at delivery.  
In case of need to adjust power, always monitor by a power  
meter and never exceed specified power range.



This Turnkey Module is Plug-and-Play

