

Laser USB 830nm 50mW



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SPECIFICATIONS

General

IIIB

Laser Class - CDRH:

Physical & Mechanical Properties

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Housing Diameter (mm):

90.00	Length (mm):
Optical Properties	
830.00	Wavelength (nm):
±10	Wavelength Tolerance (nm):
4.5	Beam Diameter (mm):
Adjustable	Beam Divergence (mrad):
IR	Color:
Electrical	
50	Output Power (mW):
0.1 - 50	Modulation Frequency (kHz):
Hardware & Interface Connectivity	
5	Operating Voltage (V):
USB 5V±0.5V 1A	Power Supply:
Environmental & Durability Factors	
10 - 35	Operating Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:

PRODUCT DETAILS

- USB Powered and Controllable via Computer
- Software Allows for Modulation and Output Power Control
- Available in Wavelengths From 405nm to 940nm

USB Powered Alignment Laser Diode Modules can be easily connected, configured, and powered by common USB hardware. No external power supply is required, and when disconnected from the computer, these lasers will retain their settings (such as modulation and output power) allowing for flexibility in system design and layout. These lasers can also be plugged into a 5V USB power adapter for simple on/off functionality when more detailed control is unnecessary. USB Powered Alignment Laser Diode Modules’ software provides simple user adjustment of output power and modulation of the laser beam. A variety of laser diode wavelengths are available, ranging from VIS to IR. These laser diodes are ideal for space constrained alignment applications.