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Laser USB 637nm 10mW

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General

Laser Class - CDRH:
IIIB

Physical & Mechanical Properties

Housing Diameter (mm):
19

Length (mm):
90.00

Optical Properties

Wavelength (nm):
637.00

Wavelength Tolerance (nm):
±5

Beam Diameter (mm):
4.5

Beam Divergence (mrad):
Adjustable

Color:
Red

Electrical

Output Power (mW):
10

Modulation Frequency (kHz):
0.1 - 50

Hardware & Interface Connectivity

Operating Voltage (V):
5

Power Supply:
USB 5V ±0.5V 1A

Environmental & Durability Factors

Operating Temperature (°C):
10 - 35

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 233:
Compliant

Country of Origin:
China

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
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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.

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