



## Laser Diode - 5mW 650nm Red

Product ID: 1054



### Description

You have some frickin' sharks at your lair, and you're thinking "it would be really great if I could attach some lasers to them" and then you see these little laser diode modules: what great timing! These encapsulated laser diodes are Class IIIa 5mW, with a 650nm red wavelength. They can be driven from 2.8V to 5.2V so they're great for your embedded electronics project. You can use these for laser harps, electronic 'trip wires', laser-vision guidance, and more! Simply connect power to the red and black wires and you will be lasing in no time.

**Please note:** this is not a laser pointer. It's a diode with integrated driver. You still need a 3

to 5VDC power supply. These diodes are 5mW output, and have a safety label marked on them. [For more information on laser safety and ratings check out the Wikipedia page](#)

## Technical Details

- Weight: 6.3g
- Diameter: 10mm / 0.4"
- Length: 31mm / 1.2"
- Wire length: at least 100mm / 3.9"
- 650nm wavelength
- 2.8 - 5.2V DC voltage input
- 25mA max current draw
- Operating temperature -10°C to 40°C;

