

# Laser Diode – 5mW 650nm Red

PRODUCT ID: 1054



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## 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

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# 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;