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1mW, 635nm Alignment Laser Diode

Red and IR Alignment Laser Diode

Stock **#37-029** **14 In Stock**

- 1 + **£165**.60

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Volume Pricing	
Qty 1-9	**£165.60** each
Qty 10+	**£149.04** each
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Note: This item requires accessories for use | Learn More

Product Downloads

General

Laser Class - CDRH:
IIIa

Physical & Mechanical Properties

Length (mm):
36.00

Optical Properties

Wavelength (nm):
635.00

Wavelength Tolerance (nm):
±5

Beam Diameter (mm):
3 x 1 Typical

Beam Divergence (mrad):
Major Axis: 0.6
Minor Axis: 0.2

Color:
Red

Electrical

Output Power (mW):
1

Modulation Frequency (kHz):
0 - 10

Hardware & Interface Connectivity

Operating Voltage (V):
5

Power Supply:
Power Supply Required and Sold Separately:
USA: **#73-818**
Europe: **#73-818**
Japan: **#13-640**
Korea: **#33-770**
China: **#73-818**

Environmental & Durability Factors

Operating Temperature (°C):
-10 to 50

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 233:
Compliant

Product Details

- Focus Adjustable
- TTL Modulation up to 10kHz
- 635nm, 780nm, 808nm, 850nm, and 980nm Wavelength Options

Red and IR Alignment Laser Diodes are available in output powers from 1 to 100mW at 635nm, 780nm, 808nm, 850nm, and 980nm wavelengths. These low cost laser diode modules combine drive electronics and beam collimating optics, making them ideal for OEM integration applications. Red and IR Alignment Laser Diodes feature TTL Modulation up to 10kHz and are best utilized in alignment applications or systems with simple detectors.

Note: Power supply and mounting bracket are sold separately.

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